

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079597.D
 Acq On : 06 Aug 2024 00:34
 Operator : RP/MD
 Sample : VD0805SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0805SBS02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 06 02:53:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	196196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	111573	55.978	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.960%			
35) Dibromofluoromethane	7.811	113	117998	49.445	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.269	98	461362	49.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.569	95	132694	49.479	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	30397	19.774	ug/l	97
3) Chloromethane	2.146	50	56738	20.031	ug/l	92
4) Vinyl Chloride	2.281	62	67578	20.066	ug/l	94
5) Bromomethane	2.675	94	43970	19.055	ug/l	99
6) Chloroethane	2.828	64	43747	20.215	ug/l	98
7) Trichlorofluoromethane	3.170	101	70505	21.051	ug/l	92
8) Diethyl Ether	3.587	74	21508	21.259	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.964	101	45206	21.341	ug/l	96
10) Methyl Iodide	4.158	142	47257	19.888	ug/l	96
11) Tert butyl alcohol	5.052	59	12307	135.842	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	41434	19.546	ug/l #	84
13) Acrolein	3.793	56	14859	97.454	ug/l	96
14) Allyl chloride	4.558	41	60933	21.767	ug/l #	87
15) Acrylonitrile	5.258	53	56939	120.439	ug/l	97
16) Acetone	4.017	43	37818	97.631	ug/l	94
17) Carbon Disulfide	4.264	76	118826	16.981	ug/l	99
18) Methyl Acetate	4.564	43	29538	24.561	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	99553	23.007	ug/l	94
20) Methylene Chloride	4.799	84	74840	16.469	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	48539	20.382	ug/l	88
22) Diisopropyl ether	6.216	45	146691	23.552	ug/l #	90
23) Vinyl Acetate	6.158	43	531824	113.590	ug/l	94
24) 1,1-Dichloroethane	6.111	63	95664	22.920	ug/l	97
25) 2-Butanone	7.081	43	59941	109.150	ug/l	94
26) 2,2-Dichloropropane	7.069	77	67836	20.093	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	58300	21.418	ug/l	87
28) Bromochloromethane	7.422	49	40594	22.179	ug/l #	69
29) Tetrahydrofuran	7.446	42	39981	117.477	ug/l #	81
30) Chloroform	7.593	83	97344	23.030	ug/l	98
31) Cyclohexane	7.875	56	62331	18.830	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	78892	22.619	ug/l	96
36) 1,1-Dichloropropene	8.005	75	62181	19.090	ug/l	96
37) Ethyl Acetate	7.169	43	29927	22.409	ug/l #	75
38) Carbon Tetrachloride	7.993	117	66416	19.397	ug/l	97
39) Methylcyclohexane	9.275	83	67007	17.242	ug/l	92
40) Benzene	8.252	78	211409	20.435	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079597.D
 Acq On : 06 Aug 2024 00:34
 Operator : RP/MD
 Sample : VD0805SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0805SBS02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 06 02:53:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17683m	24.072	ug/l	
42) 1,2-Dichloroethane	8.328	62	53015	21.505	ug/l	97
43) Isopropyl Acetate	8.363	43	55483	22.106	ug/l #	93
44) Trichloroethene	9.028	130	49638	19.274	ug/l	88
45) 1,2-Dichloropropane	9.305	63	54437	21.622	ug/l	99
46) Dibromomethane	9.393	93	29142	20.879	ug/l	94
47) Bromodichloromethane	9.581	83	72609	21.187	ug/l	99
48) Methyl methacrylate	9.381	41	22248	19.807	ug/l	91
49) 1,4-Dioxane	9.387	88	6272	433.677	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	144437	112.715	ug/l	94
52) Toluene	10.334	92	130236	20.355	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	64062	20.242	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	77814	20.440	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	40495	22.025	ug/l	92
56) Ethyl methacrylate	10.599	69	46298	21.252	ug/l	88
57) 1,3-Dichloropropane	10.875	76	67886	21.728	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	96731	96.282	ug/l	91
59) 2-Hexanone	10.916	43	95177	106.498	ug/l	96
60) Dibromochloromethane	11.075	129	50428	20.996	ug/l	98
61) 1,2-Dibromoethane	11.175	107	35471	20.593	ug/l	95
64) Tetrachloroethene	10.804	164	40370	18.348	ug/l	96
65) Chlorobenzene	11.604	112	150121	20.777	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	49287	20.733	ug/l	96
67) Ethyl Benzene	11.681	91	235431	19.904	ug/l	99
68) m/p-Xylenes	11.793	106	188743	40.220	ug/l	95
69) o-Xylene	12.116	106	84708	19.693	ug/l	88
70) Styrene	12.134	104	155774	20.657	ug/l	97
71) Bromoform	12.299	173	28930	21.527	ug/l #	99
73) Isopropylbenzene	12.416	105	221216	20.179	ug/l	100
74) N-amyl acetate	12.228	43	53032	21.785	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	46813	21.772	ug/l	94
76) 1,2,3-Trichloropropane	12.716	75	28591m	19.763	ug/l	
77) Bromobenzene	12.698	156	55570	20.024	ug/l	86
78) n-propylbenzene	12.757	91	281015	20.312	ug/l	97
79) 2-Chlorotoluene	12.846	91	156250	20.283	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	188275	20.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	15349	20.235	ug/l	97
82) 4-Chlorotoluene	12.946	91	168422	20.972	ug/l	98
83) tert-Butylbenzene	13.163	119	158312	20.069	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	190629	20.546	ug/l	99
85) sec-Butylbenzene	13.340	105	242285	19.758	ug/l	99
86) p-Isopropyltoluene	13.457	119	205483	20.218	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	116504	20.266	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	113936	20.160	ug/l	97
89) n-Butylbenzene	13.781	91	189505	20.130	ug/l	98
90) Hexachloroethane	14.051	117	44153	20.586	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	99638	20.280	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6684	23.363	ug/l	84
93) 1,2,4-Trichlorobenzene	15.092	180	56746	18.332	ug/l	97
94) Hexachlorobutadiene	15.198	225	30771	18.418	ug/l	97
95) Naphthalene	15.328	128	107490	20.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	51757	19.008	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079597.D
Acq On : 06 Aug 2024 00:34
Operator : RP/MD
Sample : VD0805SBSD02
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0805SBSD02

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 06 02:53:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079597.D
Acq On : 06 Aug 2024 00:34
Operator : RP/MD
Sample : VD0805SBS02
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0805SBS02

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 06 02:53:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

