

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079688.D
 Acq On : 09 Aug 2024 12:53
 Operator : RP/MD
 Sample : VD0809SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Quant Time: Aug 10 02:06:48 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	209882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	390143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	358275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102925	48.272	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.540%		
35) Dibromofluoromethane	7.805	113	107255	40.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.240%		
50) Toluene-d8	10.269	98	418126	40.774	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	81.540%		
62) 4-Bromofluorobenzene	12.569	95	125110	42.160	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27813	16.913	ug/l	91
3) Chloromethane	2.146	50	55266	18.239	ug/l	96
4) Vinyl Chloride	2.281	62	64998	18.041	ug/l	99
5) Bromomethane	2.675	94	45378	18.284	ug/l	100
6) Chloroethane	2.828	64	46802	20.216	ug/l	92
7) Trichlorofluoromethane	3.170	101	67200	18.756	ug/l	100
8) Diethyl Ether	3.593	74	22221	20.531	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.958	101	40516	17.879	ug/l	96
10) Methyl Iodide	4.158	142	34213	13.807	ug/l	93
11) Tert butyl alcohol	5.064	59	15493	162.397	ug/l #	94
12) 1,1-Dichloroethene	3.928	96	40685	17.941	ug/l	86
13) Acrolein	3.799	56	14976	90.070	ug/l	99
14) Allyl chloride	4.558	41	61426	20.513	ug/l #	82
15) Acrylonitrile	5.252	53	57741	114.171	ug/l	96
16) Acetone	4.028	43	45519	109.849	ug/l	91
17) Carbon Disulfide	4.264	76	103100	13.773	ug/l	97
18) Methyl Acetate	4.564	43	29651	23.047	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	98149	21.203	ug/l	95
20) Methylene Chloride	4.793	84	71424	12.034	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	43046	16.897	ug/l	88
22) Diisopropyl ether	6.210	45	148389	22.271	ug/l #	90
23) Vinyl Acetate	6.152	43	543898	108.594	ug/l #	88
24) 1,1-Dichloroethane	6.105	63	89453	20.034	ug/l	95
25) 2-Butanone	7.081	43	70548	120.088	ug/l	92
26) 2,2-Dichloropropane	7.075	77	71268	19.733	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	54696	18.783	ug/l	83
28) Bromochloromethane	7.428	49	41911	21.405	ug/l #	67
29) Tetrahydrofuran	7.446	42	41527	114.063	ug/l #	80
30) Chloroform	7.599	83	89372	19.766	ug/l	94
31) Cyclohexane	7.875	56	63561	17.949	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	72299	19.377	ug/l	97
36) 1,1-Dichloropropene	8.005	75	58940	16.353	ug/l	94
37) Ethyl Acetate	7.169	43	29943	20.263	ug/l #	94
38) Carbon Tetrachloride	7.987	117	62153	16.404	ug/l	97
39) Methylcyclohexane	9.269	83	62707	14.582	ug/l	89
40) Benzene	8.252	78	196418	17.158	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079688.D
 Acq On : 09 Aug 2024 12:53
 Operator : RP/MD
 Sample : VD0809SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 10 02:06:48 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	7.405	41	16925	20.822	ug/l #	81
42) 1,2-Dichloroethane	8.322	62	49685	18.213	ug/l	95
43) Isopropyl Acetate	8.363	43	54468	19.612	ug/l #	92
44) Trichloroethene	9.028	130	44065	15.463	ug/l	92
45) 1,2-Dichloropropane	9.304	63	52004	18.667	ug/l	99
46) Dibromomethane	9.393	93	26225	16.981	ug/l	88
47) Bromodichloromethane	9.581	83	67860	17.895	ug/l	96
48) Methyl methacrylate	9.381	41	23710	19.076	ug/l	86
49) 1,4-Dioxane	9.393	88	6251	390.611	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	152139	107.295	ug/l	91
52) Toluene	10.334	92	124465	17.580	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	63815	18.222	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	76337	18.122	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	36738	18.058	ug/l	98
56) Ethyl methacrylate	10.599	69	45833	19.013	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	63625	18.404	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	99718	89.699	ug/l	90
59) 2-Hexanone	10.922	43	109336	110.562	ug/l	93
60) Dibromochloromethane	11.075	129	44331	16.680	ug/l	98
61) 1,2-Dibromoethane	11.181	107	33044	17.337	ug/l	95
64) Tetrachloroethene	10.810	164	34713	14.369	ug/l	89
65) Chlorobenzene	11.604	112	134808	16.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	44574	17.077	ug/l	97
67) Ethyl Benzene	11.681	91	224896	17.316	ug/l	100
68) m/p-Xylenes	11.787	106	175626	34.084	ug/l	93
69) o-Xylene	12.116	106	81421	17.239	ug/l	91
70) Styrene	12.134	104	146616	17.707	ug/l	97
71) Bromoform	12.298	173	24772	16.787	ug/l #	99
73) Isopropylbenzene	12.422	105	208252	18.180	ug/l	100
74) N-amyl acetate	12.234	43	55975	21.476	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	46330	20.125	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	26611m	17.180	ug/l	
77) Bromobenzene	12.698	156	49110	16.528	ug/l	80
78) n-propylbenzene	12.763	91	262682	17.734	ug/l	97
79) 2-Chlorotoluene	12.845	91	147009	17.824	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	176753	17.906	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	15707	19.340	ug/l	97
82) 4-Chlorotoluene	12.945	91	157982	18.374	ug/l	94
83) tert-Butylbenzene	13.163	119	149336	18.113	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	178314	18.383	ug/l	98
85) sec-Butylbenzene	13.340	105	228423	17.398	ug/l	99
86) p-Isopropyltoluene	13.457	119	190476	18.025	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	101811	16.541	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	102307	16.907	ug/l	94
89) n-Butylbenzene	13.787	91	179811	18.270	ug/l	97
90) Hexachloroethane	14.051	117	40131	17.475	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	90944	17.289	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6404	20.907	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	54852	16.550	ug/l	99
94) Hexachlorobutadiene	15.198	225	27436	15.338	ug/l	94
95) Naphthalene	15.328	128	105835	18.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	46596	15.983	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
Data File : VD079688.D
Acq On : 09 Aug 2024 12:53
Operator : RP/MD
Sample : VD0809SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 10 02:06:48 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

