

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078373.D
 Acq On : 08 Feb 2024 17:01
 Operator : RP/MD
 Sample : VD0208SBS03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBS03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024
 Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 03:11:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	203518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	193831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76460	54.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.220%			
35) Dibromofluoromethane	7.804	113	78066	53.879	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.760%			
50) Toluene-d8	10.269	98	289538	52.781	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.560%			
62) 4-Bromofluorobenzene	12.569	95	90817	55.282	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	27918	20.930	ug/l	94
3) Chloromethane	2.152	50	51939	21.873	ug/l	100
4) Vinyl Chloride	2.275	62	66070	21.093	ug/l	99
5) Bromomethane	2.675	94	36351	19.170	ug/l	96
6) Chloroethane	2.822	64	47582	21.993	ug/l	98
7) Trichlorofluoromethane	3.163	101	57061	21.517	ug/l	96
8) Diethyl Ether	3.593	74	17512	22.323	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.957	101	34475	21.183	ug/l	97
10) Methyl Iodide	4.157	142	25191	17.016	ug/l	# 89
11) Tert butyl alcohol	5.063	59	13827	153.402	ug/l	# 94
12) 1,1-Dichloroethene	3.922	96	30789	19.606	ug/l	84
13) Acrolein	3.799	56	9374	83.648	ug/l	94
14) Allyl chloride	4.557	41	40946	19.777	ug/l	88
15) Acrylonitrile	5.263	53	38669	111.518	ug/l	98
16) Acetone	4.022	43	46249	132.715	ug/l	# 86
17) Carbon Disulfide	4.263	76	85793	16.183	ug/l	96
18) Methyl Acetate	4.569	43	14691	19.505	ug/l	# 88
19) Methyl tert-butyl Ether	5.322	73	74356	22.768	ug/l	95
20) Methylene Chloride	4.798	84	44557	24.585	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	36213	20.395	ug/l	95
22) Diisopropyl ether	6.216	45	98310	22.315	ug/l	90
23) Vinyl Acetate	6.157	43	305901m	113.810	ug/l	
24) 1,1-Dichloroethane	6.104	63	64050	21.001	ug/l	95
25) 2-Butanone	7.081	43	58168	123.534	ug/l	# 81
26) 2,2-Dichloropropane	7.075	77	52946	21.252	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	39609	20.128	ug/l	88
28) Bromochloromethane	7.422	49	16530	15.196	ug/l	81
29) Tetrahydrofuran	7.445	42	29207	115.947	ug/l	# 86
30) Chloroform	7.592	83	68600	21.999	ug/l	100
31) Cyclohexane	7.881	56	48110	18.179	ug/l	93
32) 1,1,1-Trichloroethane	7.787	97	57325	21.331	ug/l	98
36) 1,1-Dichloropropene	8.004	75	49012	20.399	ug/l	96
37) Ethyl Acetate	7.169	43	22780	24.634	ug/l	# 92
38) Carbon Tetrachloride	7.987	117	50377	21.324	ug/l	99
39) Methylcyclohexane	9.269	83	53166	18.716	ug/l	92
40) Benzene	8.245	78	144916	20.672	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078373.D
 Acq On : 08 Feb 2024 17:01
 Operator : RP/MD
 Sample : VD0208SBS03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBS03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024
 Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 03:11:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10943m	22.011	ug/l	
42) 1,2-Dichloroethane	8.322	62	41754	22.964	ug/l	94
43) Isopropyl Acetate	8.363	43	39686	23.936	ug/l #	72
44) Trichloroethene	9.028	130	37363	21.705	ug/l	99
45) 1,2-Dichloropropane	9.304	63	38019	22.181	ug/l	93
46) Dibromomethane	9.392	93	20548	21.606	ug/l	89
47) Bromodichloromethane	9.586	83	52114	22.273	ug/l	89
48) Methyl methacrylate	9.381	41	20408	25.758	ug/l #	69
49) 1,4-Dioxane	9.386	88	4697	440.283	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	108604	121.084	ug/l	88
52) Toluene	10.334	92	89934	21.150	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	47339	21.660	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	57227	22.118	ug/l #	93
55) 1,1,2-Trichloroethane	10.733	97	28845	23.243	ug/l	90
56) Ethyl methacrylate	10.598	69	33180	23.571	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	49709	23.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	61524	96.110	ug/l	98
59) 2-Hexanone	10.922	43	86295	127.748	ug/l	86
60) Dibromochloromethane	11.075	129	35461	24.615	ug/l	96
61) 1,2-Dibromoethane	11.181	107	27278	23.281	ug/l	99
64) Tetrachloroethene	10.810	164	26990	19.964	ug/l #	85
65) Chlorobenzene	11.604	112	96875	20.891	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	34707	21.021	ug/l	98
67) Ethyl Benzene	11.680	91	173497	20.655	ug/l	93
68) m/p-Xylenes	11.792	106	134756	41.699	ug/l	90
69) o-Xylene	12.122	106	62935	21.191	ug/l	93
70) Styrene	12.133	104	110141	21.716	ug/l	96
71) Bromoform	12.298	173	19802	24.352	ug/l #	98
73) Isopropylbenzene	12.422	105	166010	20.317	ug/l	94
74) N-amyl acetate	12.233	43	37883	22.417	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	35823	22.702	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	21733m	21.531	ug/l	
77) Bromobenzene	12.698	156	37959	21.110	ug/l	85
78) n-propylbenzene	12.763	91	210298	20.661	ug/l	94
79) 2-Chlorotoluene	12.845	91	112032	20.561	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	136811	20.581	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10930	21.535	ug/l	94
82) 4-Chlorotoluene	12.945	91	117696	20.261	ug/l	95
83) tert-Butylbenzene	13.163	119	113073	19.935	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	139057	20.677	ug/l	96
85) sec-Butylbenzene	13.345	105	182425	20.493	ug/l	96
86) p-Isopropyltoluene	13.457	119	151461	20.773	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	79363	21.245	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	78755	21.308	ug/l	95
89) n-Butylbenzene	13.786	91	146862	20.671	ug/l	97
90) Hexachloroethane	14.051	117	31991	21.967	ug/l	80
91) 1,2-Dichlorobenzene	13.827	146	70470	22.051	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5367	24.263	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	41501	22.451	ug/l	94
94) Hexachlorobutadiene	15.198	225	20880	23.051	ug/l	99
95) Naphthalene	15.333	128	80335	21.797	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	36485	22.416	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
Data File : VD078373.D
Acq On : 08 Feb 2024 17:01
Operator : RP/MD
Sample : VD0208SBSD03
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0208SBSD03

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024
Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 03:11:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

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

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

