

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
 Data File : VD080253.D
 Acq On : 06 Feb 2025 17:47
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 00:31:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	190935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69568	44.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.420%		
35) Dibromofluoromethane	7.805	113	62670	46.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.620%		
50) Toluene-d8	10.269	98	244996	48.821	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.575	95	79923	49.636	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	41889	33.469	ug/l	99
3) Chloromethane	2.146	50	81794	32.456	ug/l	93
4) Vinyl Chloride	2.281	62	106598	34.963	ug/l	97
5) Bromomethane	2.687	94	75599	40.921	ug/l	99
6) Chloroethane	2.834	64	75948	37.400	ug/l	100
7) Trichlorofluoromethane	3.169	101	91626	36.264	ug/l	97
8) Diethyl Ether	3.599	74	26336	38.102	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	58298	39.860	ug/l	99
10) Methyl Iodide	4.164	142	60354	48.612	ug/l	98
11) Tert butyl alcohol	5.069	59	16784	193.073	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	54623	39.427	ug/l	98
13) Acrolein	3.799	56	29653	180.911	ug/l	99
14) Allyl chloride	4.564	41	82810	38.786	ug/l	99
15) Acrylonitrile	5.252	53	67998	204.761	ug/l	100
16) Acetone	4.028	43	51560	203.290	ug/l	96
17) Carbon Disulfide	4.269	76	182559	36.536	ug/l	99
18) Methyl Acetate	4.575	43	35724	41.744	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	125490	41.143	ug/l	100
20) Methylene Chloride	4.805	84	66738	38.776	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	62214	39.528	ug/l #	95
22) Diisopropyl ether	6.216	45	191857	43.179	ug/l	97
23) Vinyl Acetate	6.158	43	553414	215.734	ug/l	97
24) 1,1-Dichloroethane	6.116	63	117499	40.340	ug/l	99
25) 2-Butanone	7.087	43	80698	205.131	ug/l	97
26) 2,2-Dichloropropane	7.081	77	94023	37.217	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	71287	40.091	ug/l	98
28) Bromochloromethane	7.422	49	60537	45.544	ug/l #	90
29) Tetrahydrofuran	7.452	42	54135	210.099	ug/l	99
30) Chloroform	7.599	83	123300	41.404	ug/l	97
31) Cyclohexane	7.881	56	88731	38.054	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	101381	40.692	ug/l	99
36) 1,1-Dichloropropene	8.010	75	81385	41.990	ug/l	99
37) Ethyl Acetate	7.175	43	40042	42.131	ug/l	98
38) Carbon Tetrachloride	7.999	117	85160	42.065	ug/l	96
39) Methylcyclohexane	9.275	83	90561	43.007	ug/l	96
40) Benzene	8.252	78	254480	41.887	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
 Data File : VD080253.D
 Acq On : 06 Feb 2025 17:47
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 07 00:31:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	21784	41.640	ug/l	93
42) 1,2-Dichloroethane	8.328	62	74865	43.304	ug/l	99
43) Isopropyl Acetate	8.363	43	74625	44.241	ug/l	98
44) Trichloroethene	9.028	130	62037	44.202	ug/l	98
45) 1,2-Dichloropropane	9.310	63	68122	44.579	ug/l	100
46) Dibromomethane	9.393	93	37829	44.434	ug/l	99
47) Bromodichloromethane	9.587	83	93581	43.588	ug/l	97
48) Methyl methacrylate	9.381	41	36149	46.312	ug/l	95
49) 1,4-Dioxane	9.393	88	8060	870.260	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	203620	238.731	ug/l	99
52) Toluene	10.334	92	161119	45.340	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	84192	46.001	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	98119	44.073	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	48545	43.884	ug/l	99
56) Ethyl methacrylate	10.598	69	60900	48.249	ug/l	96
57) 1,3-Dichloropropane	10.881	76	82898	45.307	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	159527	296.119	ug/l	98
59) 2-Hexanone	10.922	43	137967	246.506	ug/l	99
60) Dibromochloromethane	11.075	129	63799	46.790	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47518	47.166	ug/l	98
64) Tetrachloroethene	10.810	164	53524	42.426	ug/l	98
65) Chlorobenzene	11.604	112	173341	41.873	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	62418	43.101	ug/l	99
67) Ethyl Benzene	11.681	91	299711	43.522	ug/l	99
68) m/p-Xylenes	11.793	106	238312	89.141	ug/l	98
69) o-Xylene	12.122	106	106978	43.881	ug/l	98
70) Styrene	12.134	104	198085	45.647	ug/l	100
71) Bromoform	12.298	173	38087	44.614	ug/l #	99
73) Isopropylbenzene	12.422	105	281671	40.038	ug/l	100
74) N-amyl acetate	12.234	43	77681	42.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	59245	40.470	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	42644m	40.535	ug/l	
77) Bromobenzene	12.698	156	73099	40.283	ug/l	97
78) n-propylbenzene	12.763	91	364263	40.668	ug/l	100
79) 2-Chlorotoluene	12.851	91	209528	41.177	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	248504	42.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	21301	41.402	ug/l	96
82) 4-Chlorotoluene	12.945	91	225217	41.649	ug/l	99
83) tert-Butylbenzene	13.169	119	206233	42.877	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	257280	42.962	ug/l	99
85) sec-Butylbenzene	13.345	105	313237	42.593	ug/l	100
86) p-Isopropyltoluene	13.457	119	262230	41.759	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	150373	42.072	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	147054	40.651	ug/l	99
89) n-Butylbenzene	13.787	91	257182	42.146	ug/l	99
90) Hexachloroethane	14.057	117	56959	40.813	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	130978	41.589	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10238	43.958	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	79771	39.736	ug/l	99
94) Hexachlorobutadiene	15.204	225	42256	38.865	ug/l	98
95) Naphthalene	15.334	128	144871	42.574	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	72333	39.926	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
Data File : VD080253.D
Acq On : 06 Feb 2025 17:47
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 00:31:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
Response via : Initial Calibration

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

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

