

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077941.D
 Acq On : 16 Dec 2023 18:34
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 02:02:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	113928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	204753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68705	51.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.360%			
35) Dibromofluoromethane	7.810	113	71116	49.585	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.180%			
50) Toluene-d8	10.269	98	280740	48.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.569	95	90214	52.530	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52797	37.099	ug/l	96
3) Chloromethane	2.146	50	96936	49.971	ug/l	95
4) Vinyl Chloride	2.287	62	133779	50.800	ug/l	98
5) Bromomethane	2.693	94	87540	59.241	ug/l	98
6) Chloroethane	2.840	64	95619	53.258	ug/l	99
7) Trichlorofluoromethane	3.175	101	103884	42.832	ug/l	100
8) Diethyl Ether	3.593	74	33560	49.277	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	60138	43.342	ug/l	96
10) Methyl Iodide	4.169	142	66802	54.267	ug/l #	89
11) Tert butyl alcohol	5.046	59	17323	268.805	ug/l #	94
12) 1,1-Dichloroethene	3.946	96	59024	43.100	ug/l #	77
13) Acrolein	3.793	56	27405	192.980	ug/l	96
14) Allyl chloride	4.558	41	80688	42.840	ug/l	91
15) Acrylonitrile	5.258	53	75913	260.334	ug/l	96
16) Acetone	4.022	43	70409	241.619	ug/l #	84
17) Carbon Disulfide	4.275	76	193325	41.727	ug/l	100
18) Methyl Acetate	4.569	43	63639	60.192	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	150403	51.765	ug/l #	89
20) Methylene Chloride	4.799	84	84143	53.238	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	73399	47.320	ug/l #	80
22) Diisopropyl ether	6.216	45	196892	50.024	ug/l	97
23) Vinyl Acetate	6.158	43	451938	235.131	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	132182	49.591	ug/l	95
25) 2-Butanone	7.081	43	89938	243.316	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	100240	44.792	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	85165	51.026	ug/l	90
28) Bromochloromethane	7.428	49	57631	53.509	ug/l #	77
29) Tetrahydrofuran	7.446	42	55482	259.532	ug/l	87
30) Chloroform	7.599	83	136459	51.154	ug/l	91
31) Cyclohexane	7.875	56	96838	40.555	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	108725	46.233	ug/l	99
36) 1,1-Dichloropropene	8.010	75	96156	41.914	ug/l	96
37) Ethyl Acetate	7.163	43	38437	42.969	ug/l	99
38) Carbon Tetrachloride	7.993	117	96341	42.124	ug/l	92
39) Methylcyclohexane	9.275	83	114269	42.016	ug/l	93
40) Benzene	8.252	78	304045	46.696	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077941.D
 Acq On : 16 Dec 2023 18:34
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 02:02:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22780	50.104	ug/l	95
42) 1,2-Dichloroethane	8.328	62	81502	48.289	ug/l	94
43) Isopropyl Acetate	8.363	43	76673	48.218	ug/l	92
44) Trichloroethene	9.028	130	76303	44.969	ug/l	92
45) 1,2-Dichloropropane	9.304	63	76934	48.605	ug/l	99
46) Dibromomethane	9.393	93	42712	50.999	ug/l	92
47) Bromodichloromethane	9.581	83	107266	50.530	ug/l	97
48) Methyl methacrylate	9.381	41	39894	44.135	ug/l	86
49) 1,4-Dioxane	9.387	88	7568	910.031	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	196917	242.645	ug/l	93
52) Toluene	10.334	92	191938	47.522	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	100197	49.152	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	121814	49.425	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	59515	51.952	ug/l	92
56) Ethyl methacrylate	10.599	69	51977	51.469	ug/l	90
57) 1,3-Dichloropropane	10.881	76	99594	50.436	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	143997	250.038	ug/l	93
59) 2-Hexanone	10.922	43	143688	213.410	ug/l	89
60) Dibromochloromethane	11.075	129	71049	51.513	ug/l	96
61) 1,2-Dibromoethane	11.175	107	54093	50.162	ug/l	96
64) Tetrachloroethene	10.810	164	63443	42.639	ug/l	99
65) Chlorobenzene	11.604	112	209036	43.565	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	77834	46.236	ug/l	96
67) Ethyl Benzene	11.681	91	376035	44.617	ug/l	95
68) m/p-Xylenes	11.793	106	290774	90.196	ug/l	91
69) o-Xylene	12.122	106	137944	46.428	ug/l	89
70) Styrene	12.134	104	211325	47.834	ug/l	94
71) Bromoform	12.298	173	42941	48.819	ug/l #	98
73) Isopropylbenzene	12.416	105	358571	44.179	ug/l	98
74) N-amyl acetate	12.234	43	67189	42.113	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	68640	48.502	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	44364m	47.699	ug/l	
77) Bromobenzene	12.698	156	89317	46.785	ug/l	92
78) n-propylbenzene	12.763	91	443935	44.887	ug/l	96
79) 2-Chlorotoluene	12.845	91	240477	45.371	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	302743	44.722	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21412	46.644	ug/l	95
82) 4-Chlorotoluene	12.945	91	254520	45.934	ug/l	96
83) tert-Butylbenzene	13.163	119	267008	46.721	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	315584	46.611	ug/l	97
85) sec-Butylbenzene	13.345	105	383971	45.454	ug/l	96
86) p-Isopropyltoluene	13.457	119	345208	45.643	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	183379	46.971	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	179969	46.057	ug/l	99
89) n-Butylbenzene	13.787	91	327492	46.017	ug/l	98
90) Hexachloroethane	14.051	117	67699	48.671	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	157565	47.455	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10020	48.855	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	103689	45.719	ug/l	96
94) Hexachlorobutadiene	15.204	225	52723	43.110	ug/l	99
95) Naphthalene	15.328	128	205438	54.519	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	88499	47.332	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077941.D
Acq On : 16 Dec 2023 18:34
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 02:02:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

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

