

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078506.D
 Acq On : 21 Feb 2024 18:32
 Operator : RP/MD
 Sample : P1538-07MS
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06M

Quant Time: Feb 22 00:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	82442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	138849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	122682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	49716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53290	59.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.560%			
35) Dibromofluoromethane	7.804	113	58300	66.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.200%			
50) Toluene-d8	10.269	98	212589	60.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.500%			
62) 4-Bromofluorobenzene	12.569	95	52189	50.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	46332	57.039	ug/l	92
3) Chloromethane	2.146	50	94408	63.242	ug/l	99
4) Vinyl Chloride	2.281	62	135146	59.329	ug/l	94
5) Bromomethane	2.687	94	76649	48.749	ug/l	99
6) Chloroethane	2.834	64	102779	61.876	ug/l	96
7) Trichlorofluoromethane	3.169	101	82567	53.733	ug/l	99
8) Diethyl Ether	3.593	74	27040	61.094	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	50513	52.108	ug/l	96
10) Methyl Iodide	4.158	142	38502	44.345	ug/l	93
11) Tert butyl alcohol	5.052	59	11997	248.280	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	48770	54.266	ug/l	90
13) Acrolein	3.799	56	3862	46.897	ug/l #	82
14) Allyl chloride	4.563	41	57095	51.425	ug/l	93
15) Acrylonitrile	5.257	53	57630	304.167	ug/l	99
16) Acetone	4.022	43	65453	405.201	ug/l	89
17) Carbon Disulfide	4.269	76	149781	49.529	ug/l	97
18) Methyl Acetate	4.563	43	65895	95.928	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	125941	65.957	ug/l	94
20) Methylene Chloride	4.805	84	69974	70.567	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	56164	53.122	ug/l	96
22) Diisopropyl ether	6.216	45	153809	62.854	ug/l	94
23) Vinyl Acetate	6.157	43	167133	161.692	ug/l	94
24) 1,1-Dichloroethane	6.110	63	105162	60.664	ug/l	98
25) 2-Butanone	7.081	43	76154	343.035	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	82197	56.562	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	70079	60.414	ug/l	97
28) Bromochloromethane	7.428	49	40266	58.645	ug/l	85
29) Tetrahydrofuran	7.446	42	42121	317.737	ug/l	94
30) Chloroform	7.599	83	112487	61.330	ug/l	97
31) Cyclohexane	7.875	56	65058	43.145	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	91454	58.483	ug/l	99
36) 1,1-Dichloropropene	8.004	75	75706	55.253	ug/l	96
37) Ethyl Acetate	7.175	43	27595	57.453	ug/l	96
38) Carbon Tetrachloride	7.999	117	64935	47.855	ug/l	85
39) Methylcyclohexane	9.269	83	58020	35.669	ug/l	95
40) Benzene	8.251	78	245739	62.050	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078506.D
 Acq On : 21 Feb 2024 18:32
 Operator : RP/MD
 Sample : P1538-07MS
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06M

Quant Time: Feb 22 00:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17822	71.298	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	67291	65.666	ug/l	96
43) Isopropyl Acetate	8.363	43	55731	62.661	ug/l	95
44) Trichloroethene	9.034	130	60952	60.327	ug/l	99
45) 1,2-Dichloropropane	9.304	63	62236	64.049	ug/l	99
46) Dibromomethane	9.398	93	34395	62.931	ug/l	92
47) Bromodichloromethane	9.581	83	77390	57.168	ug/l	99
48) Methyl methacrylate	9.381	41	32549	68.980	ug/l	84
49) 1,4-Dioxane	9.387	88	5839	986.501	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	160641	340.306	ug/l	93
52) Toluene	10.334	92	152163	60.757	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	63256	51.210	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	74551	49.773	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	51318	69.723	ug/l	92
56) Ethyl methacrylate	10.598	69	36262	53.270	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	82092	65.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	136551	340.548	ug/l	95
59) 2-Hexanone	10.922	43	114731	323.413	ug/l	90
60) Dibromochloromethane	11.075	129	52481	59.262	ug/l	98
61) 1,2-Dibromoethane	11.181	107	43680	63.213	ug/l	100
64) Tetrachloroethene	10.810	164	51465	66.415	ug/l	90
65) Chlorobenzene	11.604	112	146357	59.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	54689	60.337	ug/l	99
67) Ethyl Benzene	11.681	91	250435	56.670	ug/l	98
68) m/p-Xylenes	11.792	106	198367	115.078	ug/l	94
69) o-Xylene	12.122	106	90799	57.722	ug/l	92
70) Styrene	12.134	104	127838	49.795	ug/l	95
71) Bromoform	12.298	173	27981	58.652	ug/l #	99
73) Isopropylbenzene	12.422	105	211226	63.272	ug/l	95
74) N-amyl acetate	12.234	43	36823	58.305	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	54926	82.942	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	34073m	80.728	ug/l	
77) Bromobenzene	12.698	156	54841	69.900	ug/l	89
78) n-propylbenzene	12.763	91	235037	56.496	ug/l	95
79) 2-Chlorotoluene	12.845	91	133507	59.916	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	158241	57.084	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	10207	50.204	ug/l	95
82) 4-Chlorotoluene	12.945	91	143294	59.877	ug/l	97
83) tert-Butylbenzene	13.163	119	122512	52.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	163455	58.100	ug/l	97
85) sec-Butylbenzene	13.345	105	152923	42.178	ug/l	95
86) p-Isopropyltoluene	13.457	119	136539	44.214	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	89588	53.501	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	90650	55.096	ug/l	98
89) n-Butylbenzene	13.786	91	102005	34.270	ug/l	96
90) Hexachloroethane	14.051	117	21925	34.543	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	79880	56.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6397	73.774	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	27166	32.873	ug/l	95
94) Hexachlorobutadiene	15.198	225	6231	14.446	ug/l	94
95) Naphthalene	15.333	128	73359	47.861	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	22530	32.169	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
Data File : VD078506.D
Acq On : 21 Feb 2024 18:32
Operator : RP/MD
Sample : P1538-07MS
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M

Quant Time: Feb 22 00:07:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

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

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

