

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078492.D
 Acq On : 21 Feb 2024 10:12
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 00:00:27 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	7.881	168	138493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70120	46.826	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.660%		
35) Dibromofluoromethane	7.810	113	80342	53.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.700%		
50) Toluene-d8	10.269	98	307903	51.111	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.220%		
62) 4-Bromofluorobenzene	12.575	95	87664	50.006	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.020%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	75250	55.146	ug/l	98
3) Chloromethane	2.158	50	117410	46.819	ug/l	100
4) Vinyl Chloride	2.287	62	179190	46.827	ug/l	99
5) Bromomethane	2.699	94	143310	54.257	ug/l	97
6) Chloroethane	2.846	64	133149	47.718	ug/l	96
7) Trichlorofluoromethane	3.181	101	139488	54.037	ug/l	95
8) Diethyl Ether	3.599	74	40543	54.529	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	84009	51.588	ug/l	97
10) Methyl Iodide	4.175	142	88205	60.475	ug/l	91
11) Tert butyl alcohol	5.063	59	19567	240.885	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	80193	53.117	ug/l	90
13) Acrolein	3.799	56	23327	168.622	ug/l	95
14) Allyl chloride	4.569	41	91429	49.021	ug/l	94
15) Acrylonitrile	5.263	53	83339	261.838	ug/l	98
16) Acetone	4.034	43	80283	283.045	ug/l	92
17) Carbon Disulfide	4.281	76	246234	48.469	ug/l	98
18) Methyl Acetate	4.569	43	68133	61.527	ug/l	94
19) Methyl tert-butyl Ether	5.328	73	172359	53.734	ug/l	98
20) Methylene Chloride	4.805	84	95487	56.705	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	96210	54.169	ug/l	91
22) Diisopropyl ether	6.222	45	216683	52.710	ug/l	98
23) Vinyl Acetate	6.157	43	401027m	237.312	ug/l	
24) 1,1-Dichloroethane	6.122	63	154178	52.943	ug/l	98
25) 2-Butanone	7.081	43	103417	274.096	ug/l	92
26) 2,2-Dichloropropane	7.075	77	131333	53.797	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	106962	54.891	ug/l	96
28) Bromochloromethane	7.434	49	56057	48.600	ug/l	88
29) Tetrahydrofuran	7.451	42	56483	253.634	ug/l	96
30) Chloroform	7.598	83	166435	54.017	ug/l	99
31) Cyclohexane	7.881	56	120269	47.479	ug/l	94
32) 1,1,1-Trichloroethane	7.798	97	142901	54.398	ug/l	100
36) 1,1-Dichloropropene	8.010	75	125201	53.516	ug/l	98
37) Ethyl Acetate	7.175	43	40464	49.341	ug/l	99
38) Carbon Tetrachloride	7.993	117	130167	56.183	ug/l	98
39) Methylcyclohexane	9.275	83	149526	53.838	ug/l	97
40) Benzene	8.251	78	368580	54.506	ug/l	100

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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	7.399	41	23851	55.883	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	92685	52.972	ug/l	97
43) Isopropyl Acetate	8.363	43	77911	51.304	ug/l	96
44) Trichloroethene	9.034	130	100818	58.441	ug/l	96
45) 1,2-Dichloropropane	9.304	63	88446	53.309	ug/l	99
46) Dibromomethane	9.393	93	50366	53.971	ug/l	94
47) Bromodichloromethane	9.587	83	126281	54.634	ug/l	100
48) Methyl methacrylate	9.381	41	46263	57.421	ug/l	82
49) 1,4-Dioxane	9.387	88	11517	1139.594	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	207880	257.915	ug/l	96
52) Toluene	10.334	92	241106	56.383	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	114956	54.505	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	139779	54.656	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	70514	56.109	ug/l	93
56) Ethyl methacrylate	10.598	69	56026	48.202	ug/l	93
57) 1,3-Dichloropropane	10.881	76	115869	54.200	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	162961	238.023	ug/l	97
59) 2-Hexanone	10.922	43	157637	260.248	ug/l	93
60) Dibromochloromethane	11.075	129	88356	58.434	ug/l	98
61) 1,2-Dibromoethane	11.181	107	66691	56.526	ug/l	100
64) Tetrachloroethene	10.810	164	78756	56.905	ug/l	96
65) Chlorobenzene	11.610	112	253863	57.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	92413	57.086	ug/l	99
67) Ethyl Benzene	11.681	91	463310	58.700	ug/l	97
68) m/p-Xylenes	11.792	106	366621	119.083	ug/l	95
69) o-Xylene	12.122	106	163376	58.151	ug/l	93
70) Styrene	12.134	104	252052	54.970	ug/l	96
71) Bromoform	12.298	173	50204	58.920	ug/l #	100
73) Isopropylbenzene	12.422	105	442323	57.428	ug/l	96
74) N-amyl acetate	12.234	43	69508	47.702	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	79646	52.129	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	52611m	54.026	ug/l	
77) Bromobenzene	12.698	156	102703	56.738	ug/l	95
78) n-propylbenzene	12.763	91	536454	55.890	ug/l	96
79) 2-Chlorotoluene	12.851	91	279147	54.299	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	367409	57.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	25102	53.514	ug/l	99
82) 4-Chlorotoluene	12.945	91	302947	54.867	ug/l	98
83) tert-Butylbenzene	13.169	119	317326	58.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	378479	58.309	ug/l	95
85) sec-Butylbenzene	13.345	105	474101	56.677	ug/l	96
86) p-Isopropyltoluene	13.463	119	423929	59.500	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	217631	56.332	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	211768	55.786	ug/l	99
89) n-Butylbenzene	13.786	91	392876	57.209	ug/l	98
90) Hexachloroethane	14.051	117	79528	54.308	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	180815	55.734	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10466	52.315	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	111067	58.253	ug/l	98
94) Hexachlorobutadiene	15.204	225	59698	59.986	ug/l	99
95) Naphthalene	15.333	128	207787	58.758	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	99734	61.721	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

