

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079977.D
 Acq On : 14 Oct 2024 15:51
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05022

Quant Time: Oct 15 03:13:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	232108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83954	51.244	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.480%			
35) Dibromofluoromethane	7.805	113	89424	53.378	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.760%			
50) Toluene-d8	10.269	98	311584	52.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.380%			
62) 4-Bromofluorobenzene	12.575	95	113229	54.332	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57149	40.373	ug/l	97
3) Chloromethane	2.146	50	51508	35.428	ug/l	88
4) Vinyl Chloride	2.287	62	64309	35.576	ug/l	92
5) Bromomethane	2.693	94	61818	39.752	ug/l	100
6) Chloroethane	2.840	64	48279	39.123	ug/l	99
7) Trichlorofluoromethane	3.175	101	121760	42.993	ug/l	100
8) Diethyl Ether	3.593	74	38282	49.209	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	76856	44.184	ug/l	100
10) Methyl Iodide	4.164	142	84889	49.769	ug/l	98
11) Tert butyl alcohol	5.058	59	23699	236.503	ug/l	100
12) 1,1-Dichloroethene	3.940	96	70733	45.710	ug/l	97
13) Acrolein	3.799	56	21785	202.761	ug/l	98
14) Allyl chloride	4.558	41	110063	47.886	ug/l	98
15) Acrylonitrile	5.252	53	94584	254.450	ug/l	99
16) Acetone	4.022	43	85597	201.567	ug/l	97
17) Carbon Disulfide	4.269	76	180485	41.842	ug/l	97
18) Methyl Acetate	4.564	43	47307	51.895	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	189244	52.952	ug/l	97
20) Methylene Chloride	4.805	84	95866	53.787	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	82424	49.605	ug/l	98
22) Diisopropyl ether	6.216	45	262370	52.635	ug/l #	98
23) Vinyl Acetate	6.152	43	718044	256.379	ug/l	100
24) 1,1-Dichloroethane	6.110	63	159409	48.540	ug/l	98
25) 2-Butanone	7.081	43	119116	230.353	ug/l	96
26) 2,2-Dichloropropane	7.075	77	127556	44.892	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	103889	50.278	ug/l	99
28) Bromochloromethane	7.422	49	73596	52.505	ug/l #	98
29) Tetrahydrofuran	7.446	42	72969	263.852	ug/l	98
30) Chloroform	7.599	83	176433	50.717	ug/l	96
31) Cyclohexane	7.875	56	103682	41.648	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	139805	48.515	ug/l	98
36) 1,1-Dichloropropene	8.005	75	102816	45.791	ug/l	99
37) Ethyl Acetate	7.169	43	55020	50.615	ug/l	97
38) Carbon Tetrachloride	7.993	117	121165	48.560	ug/l	97
39) Methylcyclohexane	9.275	83	111944	44.429	ug/l	98
40) Benzene	8.252	78	354593	49.939	ug/l	99

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41) Methacrylonitrile	7.399	41	28293	49.562	ug/l	97
42) 1,2-Dichloroethane	8.328	62	97248	49.802	ug/l	99
43) Isopropyl Acetate	8.357	43	101120	50.493	ug/l	99
44) Trichloroethene	9.028	130	86497	49.244	ug/l	96
45) 1,2-Dichloropropane	9.304	63	92023	51.108	ug/l	95
46) Dibromomethane	9.393	93	51677	52.017	ug/l	99
47) Bromodichloromethane	9.587	83	135400	51.390	ug/l	99
48) Methyl methacrylate	9.381	41	47528	52.687	ug/l	97
49) 1,4-Dioxane	9.387	88	10858	994.660	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	274180	267.607	ug/l	100
52) Toluene	10.334	92	225143	51.788	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	115831	50.204	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	136296	50.063	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	72554	51.993	ug/l	97
56) Ethyl methacrylate	10.598	69	88891	54.526	ug/l	98
57) 1,3-Dichloropropane	10.881	76	119103	52.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	185829	308.044	ug/l	98
59) 2-Hexanone	10.922	43	189359	249.541	ug/l	99
60) Dibromochloromethane	11.075	129	96498	53.222	ug/l	99
61) 1,2-Dibromoethane	11.181	107	67387	52.469	ug/l	98
64) Tetrachloroethene	10.810	164	77554	49.944	ug/l	91
65) Chlorobenzene	11.604	112	255658	49.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	95398	51.828	ug/l	96
67) Ethyl Benzene	11.681	91	433604	50.035	ug/l	98
68) m/p-Xylenes	11.793	106	335699	100.938	ug/l	99
69) o-Xylene	12.122	106	158001	51.348	ug/l	96
70) Styrene	12.134	104	289975	52.957	ug/l	99
71) Bromoform	12.298	173	56900	51.402	ug/l #	100
73) Isopropylbenzene	12.422	105	410906	48.506	ug/l	100
74) N-amyl acetate	12.234	43	101044	49.318	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	86859	50.571	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	60084m	43.735	ug/l	
77) Bromobenzene	12.698	156	108067	49.310	ug/l	100
78) n-propylbenzene	12.763	91	515468	48.944	ug/l	100
79) 2-Chlorotoluene	12.851	91	302606	49.456	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	358303	50.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	28887	46.925	ug/l	98
82) 4-Chlorotoluene	12.945	91	324036	49.294	ug/l	99
83) tert-Butylbenzene	13.169	119	311517	50.908	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	362264	50.528	ug/l	99
85) sec-Butylbenzene	13.345	105	472654	50.257	ug/l	99
86) p-Isopropyltoluene	13.457	119	388630	49.533	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	221404	49.378	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	215786	48.167	ug/l	98
89) n-Butylbenzene	13.787	91	358417	47.231	ug/l	99
90) Hexachloroethane	14.051	117	83242	47.998	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	194456	49.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13276	46.292	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	119133	48.533	ug/l	98
94) Hexachlorobutadiene	15.204	225	62982	46.594	ug/l	98
95) Naphthalene	15.334	128	220587	50.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	108944	50.080	ug/l	99

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

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