

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079525.D
 Acq On : 01 Aug 2024 06:19
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 08:08:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91244	68.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.860%			
35) Dibromofluoromethane	7.804	113	89094	52.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.600%			
50) Toluene-d8	10.269	98	332605	50.762	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.569	95	104467	55.096	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	43509	42.619	ug/l	98
3) Chloromethane	2.146	50	100134	53.234	ug/l	93
4) Vinyl Chloride	2.281	62	111310	49.769	ug/l	98
5) Bromomethane	2.687	94	80383	57.328	ug/l	95
6) Chloroethane	2.834	64	77642	54.024	ug/l	93
7) Trichlorofluoromethane	3.175	101	61886	27.824	ug/l	90
8) Diethyl Ether	3.593	74	31168	46.390	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.975	101	35856	25.489	ug/l	93
10) Methyl Iodide	4.163	142	55591	33.810	ug/l #	88
11) Tert butyl alcohol	5.063	59	18506	305.463	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	43422	30.844	ug/l	95
13) Acrolein	3.799	56	23024	245.343	ug/l	98
14) Allyl chloride	4.563	41	75184	40.444	ug/l #	85
15) Acrylonitrile	5.252	53	94031	299.502	ug/l	97
16) Acetone	4.022	43	53530	208.094	ug/l	93
17) Carbon Disulfide	4.269	76	152236	32.761	ug/l	97
18) Methyl Acetate	4.563	43	45493	56.961	ug/l #	86
19) Methyl tert-butyl Ether	5.322	73	145540	50.647	ug/l	98
20) Methylene Chloride	4.799	84	85714	43.656	ug/l #	85
21) trans-1,2-Dichloroethene	5.310	96	56815	35.925	ug/l	86
22) Diisopropyl ether	6.216	45	214877	51.951	ug/l #	90
23) Vinyl Acetate	6.152	43	882279	283.760	ug/l #	88
24) 1,1-Dichloroethane	6.110	63	117828	42.509	ug/l	95
25) 2-Butanone	7.081	43	136584	374.517	ug/l	95
26) 2,2-Dichloropropane	7.075	77	100101	44.648	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	114384	63.277	ug/l	94
28) Bromochloromethane	7.428	49	76399	62.855	ug/l #	76
29) Tetrahydrofuran	7.446	42	94986	420.271	ug/l #	84
30) Chloroform	7.599	83	181757	64.752	ug/l	94
31) Cyclohexane	7.881	56	92352	42.011	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	127497	55.045	ug/l	98
36) 1,1-Dichloropropene	8.004	75	102342	44.440	ug/l	97
37) Ethyl Acetate	7.169	43	65650	69.529	ug/l #	90
38) Carbon Tetrachloride	7.987	117	108322	44.744	ug/l	95
39) Methylcyclohexane	9.275	83	101350	36.885	ug/l	94
40) Benzene	8.251	78	390083	53.330	ug/l	95

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41) Methacrylonitrile	7.399	41	31117	59.913	ug/l	96
42) 1,2-Dichloroethane	8.328	62	109385	62.756	ug/l	96
43) Isopropyl Acetate	8.363	43	120962	68.164	ug/l #	93
44) Trichloroethene	9.028	130	89886	49.365	ug/l	96
45) 1,2-Dichloropropane	9.304	63	100243	56.315	ug/l	99
46) Dibromomethane	9.393	93	62210	63.041	ug/l	95
47) Bromodichloromethane	9.587	83	145704	60.132	ug/l	98
48) Methyl methacrylate	9.381	41	53289	67.100	ug/l	91
49) 1,4-Dioxane	9.387	88	14047	1373.758	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	335641	370.464	ug/l	94
52) Toluene	10.334	92	244308	54.005	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	132615	59.266	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	154000	57.216	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	84244	64.807	ug/l	95
56) Ethyl methacrylate	10.598	69	106833	69.361	ug/l	93
57) 1,3-Dichloropropane	10.881	76	141801	64.194	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	257309	362.243	ug/l	91
59) 2-Hexanone	10.922	43	231873	366.965	ug/l	93
60) Dibromochloromethane	11.075	129	107117	63.079	ug/l	97
61) 1,2-Dibromoethane	11.175	107	81067	66.568	ug/l	96
64) Tetrachloroethene	10.810	164	76478	45.292	ug/l	98
65) Chlorobenzene	11.604	112	281968	50.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	98090	53.765	ug/l	99
67) Ethyl Benzene	11.681	91	439218	48.384	ug/l	99
68) m/p-Xylenes	11.792	106	354136	98.331	ug/l	93
69) o-Xylene	12.122	106	169118	51.231	ug/l	93
70) Styrene	12.134	104	316399	54.670	ug/l	98
71) Bromoform	12.298	173	64350	62.392	ug/l #	99
73) Isopropylbenzene	12.422	105	404566	41.809	ug/l	100
74) N-amyl acetate	12.234	43	118131	61.211	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	102156	59.931	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	63802m	55.629	ug/l	
77) Bromobenzene	12.698	156	114134	51.876	ug/l	88
78) n-propylbenzene	12.763	91	492563	44.909	ug/l	98
79) 2-Chlorotoluene	12.845	91	296487	48.547	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	346740	47.440	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	34971	58.155	ug/l	96
82) 4-Chlorotoluene	12.945	91	312969	49.158	ug/l	98
83) tert-Butylbenzene	13.163	119	283474	40.762	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	364826	44.752	ug/l	100
85) sec-Butylbenzene	13.339	105	419410	43.142	ug/l	99
86) p-Isopropyltoluene	13.457	119	366123	40.591	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	222248	48.767	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	224010	49.996	ug/l	96
89) n-Butylbenzene	13.786	91	321123	38.725	ug/l	98
90) Hexachloroethane	14.051	117	78008	45.877	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	203437	52.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14250	62.829	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	125276	51.049	ug/l	98
94) Hexachlorobutadiene	15.198	225	54111	40.855	ug/l	98
95) Naphthalene	15.328	128	262885	61.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	116321	53.885	ug/l	99

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

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