

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079791.D
 Acq On : 05 Sep 2024 17:54
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/06/2024
 Supervised By :Mahesh Dadoda 09/06/2024

Quant Time: Sep 06 01:39:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	103688	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	214543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	101045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83729	59.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.440%			
35) Dibromofluoromethane	7.810	113	72957	52.317	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.640%			
50) Toluene-d8	10.269	98	322602	53.940	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.880%			
62) 4-Bromofluorobenzene	12.569	95	91525	54.692	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	56350	45.260	ug/l	98
3) Chloromethane	2.146	50	139036	53.605	ug/l	98
4) Vinyl Chloride	2.281	62	167341	53.555	ug/l	97
5) Bromomethane	2.687	94	112058	51.805	ug/l	96
6) Chloroethane	2.834	64	118044	55.723	ug/l	97
7) Trichlorofluoromethane	3.169	101	112505	47.698	ug/l	96
8) Diethyl Ether	3.593	74	40681	54.362	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.964	101	59185	44.814	ug/l	89
10) Methyl Iodide	4.158	142	74570	49.003	ug/l #	86
11) Tert butyl alcohol	5.058	59	21515	308.585	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	68862	49.662	ug/l #	83
13) Acrolein	3.793	56	22057	162.272	ug/l	95
14) Allyl chloride	4.564	41	115935	56.753	ug/l #	85
15) Acrylonitrile	5.252	53	98885	293.041	ug/l	99
16) Acetone	4.016	43	87383	297.845	ug/l	95
17) Carbon Disulfide	4.269	76	247010	48.717	ug/l	100
18) Methyl Acetate	4.564	43	42953	51.075	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	171445	56.498	ug/l	96
20) Methylene Chloride	4.799	84	90707	51.412	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	79555	51.695	ug/l #	86
22) Diisopropyl ether	6.216	45	254903	59.291	ug/l #	92
23) Vinyl Acetate	6.158	43	756807	300.429	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	148776	52.920	ug/l	92
25) 2-Butanone	7.081	43	119763	305.986	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	113773	52.015	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	92203	52.238	ug/l	82
28) Bromochloromethane	7.428	49	77383	61.929	ug/l #	54
29) Tetrahydrofuran	7.446	42	74977	309.704	ug/l #	76
30) Chloroform	7.599	83	147120	52.715	ug/l	99
31) Cyclohexane	7.881	56	114318	48.368	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	118692	51.059	ug/l	96
36) 1,1-Dichloropropene	8.005	75	102063	49.379	ug/l	94
37) Ethyl Acetate	7.175	43	50773	55.587	ug/l #	95
38) Carbon Tetrachloride	7.993	117	103430	46.920	ug/l	98
39) Methylcyclohexane	9.275	83	117181	46.554	ug/l #	86
40) Benzene	8.252	78	348384	50.540	ug/l	99

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41) Methacrylonitrile	7.399	41	28419	54.371	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	89631	53.017	ug/l	93
43) Isopropyl Acetate	8.363	43	95490	56.038	ug/l #	91
44) Trichloroethene	9.028	130	67306	45.751	ug/l	91
45) 1,2-Dichloropropane	9.304	63	85595	51.438	ug/l	100
46) Dibromomethane	9.399	93	42713	48.523	ug/l #	84
47) Bromodichloromethane	9.581	83	108525	49.368	ug/l	98
48) Methyl methacrylate	9.381	41	44466	54.063	ug/l #	79
49) 1,4-Dioxane	9.387	88	10062	1137.759	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	259253	291.262	ug/l	90
52) Toluene	10.334	92	211059	50.625	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	108530	52.369	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	127448	51.628	ug/l #	91
55) 1,1,2-Trichloroethane	10.728	97	56077	48.696	ug/l	93
56) Ethyl methacrylate	10.599	69	79707	55.240	ug/l #	81
57) 1,3-Dichloropropane	10.875	76	103764	49.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	169379	264.069	ug/l #	87
59) 2-Hexanone	10.916	43	183482	265.469	ug/l	92
60) Dibromochloromethane	11.075	129	68561	48.403	ug/l	96
61) 1,2-Dibromoethane	11.175	107	50053	49.596	ug/l	98
64) Tetrachloroethene	10.810	164	53385	44.967	ug/l	93
65) Chlorobenzene	11.604	112	214300	47.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	69435	47.136	ug/l	98
67) Ethyl Benzene	11.681	91	400293	50.637	ug/l	97
68) m/p-Xylenes	11.787	106	308567	101.683	ug/l	88
69) o-Xylene	12.116	106	142870	50.514	ug/l	85
70) Styrene	12.134	104	259392	52.543	ug/l	95
71) Bromoform	12.298	173	33955	45.964	ug/l #	98
73) Isopropylbenzene	12.416	105	360434	50.119	ug/l	99
74) N-amyl acetate	12.228	43	100107	58.568	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	66890	48.454	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	52709m	61.032	ug/l	
77) Bromobenzene	12.698	156	75233	47.004	ug/l	75
78) n-propylbenzene	12.757	91	451204	50.773	ug/l	94
79) 2-Chlorotoluene	12.845	91	254840	51.477	ug/l	90
80) 1,3,5-Trimethylbenzene	12.898	105	309695	51.800	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	26121	50.447	ug/l	93
82) 4-Chlorotoluene	12.945	91	262867	50.979	ug/l	94
83) tert-Butylbenzene	13.163	119	257046	51.737	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	321655	52.153	ug/l	96
85) sec-Butylbenzene	13.340	105	385214	50.712	ug/l	96
86) p-Isopropyltoluene	13.457	119	336385	46.574	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	163013	47.442	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	159693	46.483	ug/l	96
89) n-Butylbenzene	13.781	91	317184	52.121	ug/l	97
90) Hexachloroethane	14.051	117	62802	48.894	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	141653	48.140	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	9839	48.817	ug/l	68
93) 1,2,4-Trichlorobenzene	15.092	180	78985	48.871	ug/l	97
94) Hexachlorobutadiene	15.198	225	36179	46.551	ug/l	99
95) Naphthalene	15.328	128	181964	55.482	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	72021	50.999	ug/l	97

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

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