

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079508.D
 Acq On : 31 Jul 2024 21:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 01:56:47 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	213633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	359717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115217	53.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.180%			
35) Dibromofluoromethane	7.810	113	120301	49.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.820%			
50) Toluene-d8	10.269	98	484752	51.270	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.569	95	142529	52.092	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	84589	50.535	ug/l	98
3) Chloromethane	2.146	50	163275	52.939	ug/l	97
4) Vinyl Chloride	2.281	62	198017	53.998	ug/l	99
5) Bromomethane	2.681	94	120548	52.197	ug/l	96
6) Chloroethane	2.828	64	118698	50.372	ug/l	95
7) Trichlorofluoromethane	3.169	101	188759	51.758	ug/l	98
8) Diethyl Ether	3.587	74	62195	56.457	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.958	101	116547	50.528	ug/l	98
10) Methyl Iodide	4.158	142	164845	57.803	ug/l	99
11) Tert butyl alcohol	5.058	59	33573	333.637	ug/l #	88
12) 1,1-Dichloroethene	3.934	96	120853	52.357	ug/l	97
13) Acrolein	3.793	56	40113	259.585	ug/l	96
14) Allyl chloride	4.558	41	164120	53.844	ug/l	87
15) Acrylonitrile	5.252	53	147690	286.899	ug/l	99
16) Acetone	4.022	43	101657	241.018	ug/l	93
17) Carbon Disulfide	4.264	76	400950	52.623	ug/l	100
18) Methyl Acetate	4.569	43	74600	56.966	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	278094	59.022	ug/l	95
20) Methylene Chloride	4.793	84	184226	61.543	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	140988	54.371	ug/l	91
22) Diisopropyl ether	6.210	45	392123	57.819	ug/l #	91
23) Vinyl Acetate	6.152	43	1527634	299.650	ug/l	93
24) 1,1-Dichloroethane	6.111	63	247638	54.488	ug/l	97
25) 2-Butanone	7.087	43	163546	273.503	ug/l	95
26) 2,2-Dichloropropane	7.075	77	186648	50.773	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	166090	56.036	ug/l	91
28) Bromochloromethane	7.422	49	97541	48.943	ug/l #	77
29) Tetrahydrofuran	7.446	42	110155	297.251	ug/l #	84
30) Chloroform	7.593	83	258651	56.199	ug/l	100
31) Cyclohexane	7.875	56	178515	49.526	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	209046	55.044	ug/l	99
36) 1,1-Dichloropropene	8.005	75	175199	52.721	ug/l	97
37) Ethyl Acetate	7.163	43	78841	57.865	ug/l	96
38) Carbon Tetrachloride	7.987	117	183280	52.464	ug/l	97
39) Methylcyclohexane	9.275	83	201109	50.721	ug/l	96
40) Benzene	8.252	78	580580	55.006	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	41569	55.466	ug/l	88
42) 1,2-Dichloroethane	8.322	62	140483	55.854	ug/l	97
43) Isopropyl Acetate	8.363	43	143751	56.137	ug/l #	95
44) Trichloroethene	9.028	130	137838	52.460	ug/l	96
45) 1,2-Dichloropropane	9.304	63	140017	54.511	ug/l	92
46) Dibromomethane	9.393	93	82390	57.859	ug/l	96
47) Bromodichloromethane	9.581	83	193812	55.431	ug/l	99
48) Methyl methacrylate	9.381	41	66823	58.310	ug/l	89
49) 1,4-Dioxane	9.381	88	17057	1156.008	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	391431	299.404	ug/l	96
52) Toluene	10.334	92	362999	55.608	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	178546	55.296	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	213880	55.068	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	105982	56.500	ug/l	93
56) Ethyl methacrylate	10.599	69	133905	60.247	ug/l	91
57) 1,3-Dichloropropane	10.875	76	181101	56.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	316672	308.948	ug/l	93
59) 2-Hexanone	10.922	43	268665	294.657	ug/l	97
60) Dibromochloromethane	11.069	129	138136	56.372	ug/l	97
61) 1,2-Dibromoethane	11.175	107	101374	57.687	ug/l	95
64) Tetrachloroethene	10.810	164	119534	53.052	ug/l	97
65) Chlorobenzene	11.604	112	402890	54.450	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	137826	56.614	ug/l	98
67) Ethyl Benzene	11.681	91	676735	55.868	ug/l	98
68) m/p-Xylenes	11.793	106	545989	113.613	ug/l	95
69) o-Xylene	12.116	106	251089	57.002	ug/l	93
70) Styrene	12.134	104	449247	58.173	ug/l	97
71) Bromoform	12.298	173	79534	57.790	ug/l #	96
73) Isopropylbenzene	12.416	105	633278	48.965	ug/l	100
74) N-amyl acetate	12.234	43	145366	57.139	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	122688	54.600	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	74720m	49.420	ug/l	
77) Bromobenzene	12.698	156	154802	53.374	ug/l	90
78) n-propylbenzene	12.757	91	781068	54.021	ug/l	97
79) 2-Chlorotoluene	12.845	91	434329	53.948	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	526515	54.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	44577	56.233	ug/l	99
82) 4-Chlorotoluene	12.945	91	454759	54.185	ug/l	100
83) tert-Butylbenzene	13.163	119	452191	48.563	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	540796	49.895	ug/l	99
85) sec-Butylbenzene	13.340	105	671986	52.435	ug/l	100
86) p-Isopropyltoluene	13.457	119	578973	47.916	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	315089	52.447	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	313162	53.020	ug/l	99
89) n-Butylbenzene	13.781	91	524830	47.104	ug/l	98
90) Hexachloroethane	14.051	117	117540	52.437	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	275965	53.747	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	17421	58.266	ug/l	90
93) 1,2,4-Trichlorobenzene	15.092	180	165845	51.265	ug/l	97
94) Hexachlorobutadiene	15.198	225	87322	50.013	ug/l	95
95) Naphthalene	15.328	128	322482	57.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	154008	54.120	ug/l	98

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

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