

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079557.D
 Acq On : 02 Aug 2024 23:02
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 03 00:36:34 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 :Mahesh Dadoda 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	229212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	417665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	386867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	197591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119141	51.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.320%			
35) Dibromofluoromethane	7.804	113	126081	44.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.200%			
50) Toluene-d8	10.269	98	489454	44.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.160%			
62) 4-Bromofluorobenzene	12.569	95	147766	46.514	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	76600	42.652	ug/l	99
3) Chloromethane	2.146	50	151572	45.805	ug/l	95
4) Vinyl Chloride	2.281	62	181060	46.018	ug/l	98
5) Bromomethane	2.681	94	107185	42.780	ug/l	99
6) Chloroethane	2.828	64	104134	41.188	ug/l	96
7) Trichlorofluoromethane	3.169	101	171542	43.840	ug/l	95
8) Diethyl Ether	3.587	74	61641	52.151	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	108569	43.870	ug/l	96
10) Methyl Iodide	4.158	142	144993	48.391	ug/l	98
11) Tert butyl alcohol	5.052	59	32947	308.694	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	108466	43.796	ug/l	91
13) Acrolein	3.799	56	35577	216.738	ug/l	97
14) Allyl chloride	4.558	41	160293	49.014	ug/l	87
15) Acrylonitrile	5.258	53	147672	267.367	ug/l	98
16) Acetone	4.016	43	98469	217.592	ug/l	93
17) Carbon Disulfide	4.263	76	357864	43.776	ug/l	97
18) Methyl Acetate	4.563	43	72519	51.613	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	271417	53.690	ug/l	98
20) Methylene Chloride	4.799	84	170569	51.397	ug/l	88
21) trans-1,2-Dichloroethene	5.305	96	128269	46.104	ug/l #	85
22) Diisopropyl ether	6.216	45	387895	53.308	ug/l #	93
23) Vinyl Acetate	6.152	43	1511586	276.349	ug/l #	93
24) 1,1-Dichloroethane	6.110	63	235047	48.203	ug/l	96
25) 2-Butanone	7.081	43	160690	250.462	ug/l	93
26) 2,2-Dichloropropane	7.075	77	166430	42.196	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	154192	48.486	ug/l	89
28) Bromochloromethane	7.428	49	112248	52.494	ug/l #	70
29) Tetrahydrofuran	7.446	42	108990	274.118	ug/l #	83
30) Chloroform	7.599	83	243738	49.359	ug/l	98
31) Cyclohexane	7.875	56	164295	42.483	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	187549	46.027	ug/l	98
36) 1,1-Dichloropropene	8.004	75	158665	41.121	ug/l	97
37) Ethyl Acetate	7.169	43	81229	51.346	ug/l	95
38) Carbon Tetrachloride	7.993	117	166867	41.139	ug/l	99
39) Methylcyclohexane	9.275	83	185958	40.393	ug/l	95
40) Benzene	8.252	78	541107	44.153	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	41685	47.904	ug/l	87
42) 1,2-Dichloroethane	8.328	62	131645	45.078	ug/l	97
43) Isopropyl Acetate	8.363	43	145376	48.895	ug/l #	93
44) Trichloroethene	9.028	130	126824	41.572	ug/l	94
45) 1,2-Dichloropropane	9.304	63	137865	46.226	ug/l	93
46) Dibromomethane	9.393	93	77077	46.618	ug/l	95
47) Bromodichloromethane	9.581	83	186044	45.827	ug/l	98
48) Methyl methacrylate	9.381	41	68218	51.268	ug/l #	83
49) 1,4-Dioxane	9.381	88	16646	971.630	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	394772	260.065	ug/l	94
52) Toluene	10.334	92	341596	45.069	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	169647	45.251	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	207094	45.923	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	100697	46.234	ug/l	95
56) Ethyl methacrylate	10.598	69	129657	50.242	ug/l	90
57) 1,3-Dichloropropane	10.875	76	175263	47.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	312228	262.350	ug/l	91
59) 2-Hexanone	10.922	43	269006	254.098	ug/l	95
60) Dibromochloromethane	11.075	129	128771	45.259	ug/l	97
61) 1,2-Dibromoethane	11.181	107	93252	45.703	ug/l	96
64) Tetrachloroethene	10.810	164	107756	41.307	ug/l	96
65) Chlorobenzene	11.604	112	371623	43.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	125385	44.486	ug/l	98
67) Ethyl Benzene	11.681	91	630077	44.928	ug/l	97
68) m/p-Xylenes	11.793	106	503326	90.463	ug/l	94
69) o-Xylene	12.122	106	232755	45.639	ug/l	89
70) Styrene	12.134	104	426790	47.734	ug/l	97
71) Bromoform	12.298	173	73659	46.228	ug/l #	100
73) Isopropylbenzene	12.416	105	590417	40.629	ug/l	99
74) N-amyl acetate	12.228	43	149718	51.516	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	120412	46.910	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	89160m	51.623	ug/l	
77) Bromobenzene	12.698	156	144793	43.702	ug/l	87
78) n-propylbenzene	12.757	91	722541	43.746	ug/l	97
79) 2-Chlorotoluene	12.845	91	405415	44.082	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	498310	45.273	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	41476	45.802	ug/l	99
82) 4-Chlorotoluene	12.945	91	431879	45.046	ug/l	97
83) tert-Butylbenzene	13.163	119	421651	40.307	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	509315	41.737	ug/l	98
85) sec-Butylbenzene	13.339	105	636772	43.496	ug/l	100
86) p-Isopropyltoluene	13.457	119	547796	40.354	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	292924	42.682	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	288705	42.788	ug/l	97
89) n-Butylbenzene	13.781	91	502259	40.075	ug/l	99
90) Hexachloroethane	14.051	117	109725	42.851	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	257931	43.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	16067	47.042	ug/l	89
93) 1,2,4-Trichlorobenzene	15.092	180	157173	42.531	ug/l	99
94) Hexachlorobutadiene	15.198	225	79952	40.086	ug/l	96
95) Naphthalene	15.328	128	311738	48.738	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	141688	43.586	ug/l	99

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

