

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076121.D
 Acq On : 17 May 2023 14:16
 Operator : KP/SY
 Sample : VD0517SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01

Quant Time: May 18 05:20:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97941	51.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.480%			
35) Dibromofluoromethane	7.805	113	116926	49.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.620%			
50) Toluene-d8	10.269	98	472809	51.666	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.575	95	129407	50.906	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	40757	22.850	ug/l	98
3) Chloromethane	2.146	50	75781	23.518	ug/l	100
4) Vinyl Chloride	2.281	62	98085	25.498	ug/l	99
5) Bromomethane	2.670	94	63092	24.362	ug/l	97
6) Chloroethane	2.822	64	63812	24.657	ug/l	96
7) Trichlorofluoromethane	3.164	101	72327	22.183	ug/l	96
8) Diethyl Ether	3.593	74	21651	20.192	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.952	101	46399	21.604	ug/l	95
10) Methyl Iodide	4.152	142	53422	23.923	ug/l	89
11) Tert butyl alcohol	5.058	59	10591	104.749	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	45230	21.160	ug/l	88
13) Acrolein	3.799	56	22311	90.161	ug/l	94
14) Allyl chloride	4.552	41	46883	21.612	ug/l #	83
15) Acrylonitrile	5.252	53	46621	105.012	ug/l	94
16) Acetone	4.022	43	40753	107.162	ug/l #	79
17) Carbon Disulfide	4.264	76	140823	22.823	ug/l #	94
18) Methyl Acetate	4.558	43	28497	21.007	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	84419	20.178	ug/l	98
20) Methylene Chloride	4.793	84	75595	19.237	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	52144	21.167	ug/l #	76
22) Diisopropyl ether	6.211	45	110331	21.912	ug/l #	94
23) Vinyl Acetate	6.152	43	201440	101.746	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	87077	21.928	ug/l	97
25) 2-Butanone	7.075	43	53042	110.927	ug/l #	78
26) 2,2-Dichloropropane	7.069	77	74051	22.869	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	57630	21.081	ug/l	87
28) Bromochloromethane	7.416	49	29277	22.111	ug/l #	68
29) Tetrahydrofuran	7.446	42	29210	104.806	ug/l #	67
30) Chloroform	7.593	83	94222	22.188	ug/l	90
31) Cyclohexane	7.875	56	63500	21.692	ug/l #	70
32) 1,1,1-Trichloroethane	7.793	97	74148	21.910	ug/l	95
36) 1,1-Dichloropropene	8.005	75	66827	21.078	ug/l	95
37) Ethyl Acetate	7.169	43	21058	19.181	ug/l #	77
38) Carbon Tetrachloride	7.987	117	58958	20.588	ug/l	97
39) Methylcyclohexane	9.269	83	71787	19.667	ug/l	93
40) Benzene	8.252	78	214834	21.076	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11861	19.703	ug/l #	68
42) 1,2-Dichloroethane	8.322	62	49693	20.611	ug/l	92
43) Isopropyl Acetate	8.357	43	39655	19.336	ug/l #	83
44) Trichloroethene	9.022	130	55167	19.204	ug/l	88
45) 1,2-Dichloropropane	9.299	63	50233	19.980	ug/l	97
46) Dibromomethane	9.387	93	28685	20.354	ug/l	98
47) Bromodichloromethane	9.581	83	68112	20.110	ug/l	99
48) Methyl methacrylate	9.381	41	17357	19.122	ug/l #	63
49) 1,4-Dioxane	9.387	88	6357	421.822	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	103626	95.006	ug/l #	83
52) Toluene	10.334	92	136336	21.416	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	60918	19.956	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	75899	20.373	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	40875	20.226	ug/l	92
56) Ethyl methacrylate	10.599	69	38096	18.754	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	66002	20.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	94177	96.626	ug/l	92
59) 2-Hexanone	10.922	43	75562	98.232	ug/l	81
60) Dibromochloromethane	11.075	129	44232	19.465	ug/l	95
61) 1,2-Dibromoethane	11.181	107	36239	20.158	ug/l	97
64) Tetrachloroethene	10.804	164	44677	18.512	ug/l	98
65) Chlorobenzene	11.610	112	141183	19.760	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	47145	19.174	ug/l	93
67) Ethyl Benzene	11.681	91	227372	19.915	ug/l	97
68) m/p-Xylenes	11.793	106	192399	41.233	ug/l	92
69) o-Xylene	12.122	106	84798	19.917	ug/l	92
70) Styrene	12.134	104	150847	20.435	ug/l #	93
71) Bromoform	12.298	173	24607	17.792	ug/l #	96
73) Isopropylbenzene	12.422	105	215025	20.039	ug/l	98
74) N-amyl acetate	12.234	43	35639	18.647	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	46404	20.122	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	29977m	21.119	ug/l	
77) Bromobenzene	12.698	156	53925	18.750	ug/l	96
78) n-propylbenzene	12.763	91	280558	21.006	ug/l	99
79) 2-Chlorotoluene	12.851	91	152285	20.602	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	180806	20.326	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13122	19.394	ug/l #	73
82) 4-Chlorotoluene	12.945	91	158194	20.120	ug/l	91
83) tert-Butylbenzene	13.169	119	147558	19.629	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	183471	20.711	ug/l	93
85) sec-Butylbenzene	13.345	105	241504	20.614	ug/l	99
86) p-Isopropyltoluene	13.463	119	193925	20.229	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	115091	19.793	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	114456	19.879	ug/l	98
89) n-Butylbenzene	13.787	91	182235	20.172	ug/l	99
90) Hexachloroethane	14.057	117	39772	20.170	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	99492	19.497	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5043	16.842	ug/l	74
93) 1,2,4-Trichlorobenzene	15.098	180	49807	16.780	ug/l	99
94) Hexachlorobutadiene	15.204	225	26759	17.681	ug/l	97
95) Naphthalene	15.334	128	94365	17.110	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	44250	16.392	ug/l	99

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

