

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076273.D
 Acq On : 30 May 2023 14:30
 Operator : KP/SY
 Sample : VY0530SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VY0530SBS01

Quant Time: May 31 02:19:44 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 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	269128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80447	49.377	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.760%		
35) Dibromofluoromethane	7.799	113	96035	48.603	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.269	98	361111	46.882	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.760%		
62) 4-Bromofluorobenzene	12.575	95	106674	49.855	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	30549	20.093	ug/l	95
3) Chloromethane	2.146	50	60278	21.621	ug/l	99
4) Vinyl Chloride	2.275	62	78535	23.952	ug/l	100
5) Bromomethane	2.670	94	52013	23.562	ug/l	97
6) Chloroethane	2.828	64	55212	25.029	ug/l	98
7) Trichlorofluoromethane	3.164	101	59800	21.517	ug/l	100
8) Diethyl Ether	3.587	74	18359	20.087	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.958	101	39252	21.442	ug/l	97
10) Methyl Iodide	4.158	142	43537	22.873	ug/l	89
11) Tert butyl alcohol	5.064	59	10218	118.560	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	37289	20.466	ug/l	87
13) Acrolein	3.793	56	15777	74.798	ug/l	95
14) Allyl chloride	4.552	41	38223	20.671	ug/l #	80
15) Acrylonitrile	5.252	53	41649	110.059	ug/l	97
16) Acetone	4.022	43	37787	116.570	ug/l #	71
17) Carbon Disulfide	4.264	76	101510	18.844	ug/l	99
18) Methyl Acetate	4.564	43	25986	22.473	ug/l #	79
19) Methyl tert-butyl Ether	5.311	73	74810	20.978	ug/l	98
20) Methylene Chloride	4.799	84	63697	18.891	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	43430	20.683	ug/l #	80
22) Diisopropyl ether	6.211	45	93039	21.677	ug/l #	93
23) Vinyl Acetate	6.152	43	174232m	103.244	ug/l	
24) 1,1-Dichloroethane	6.111	63	73898	21.832	ug/l	99
25) 2-Butanone	7.081	43	46971	115.242	ug/l #	59
26) 2,2-Dichloropropane	7.075	77	61410	22.250	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	49274	21.146	ug/l	85
28) Bromochloromethane	7.422	49	24487	21.696	ug/l #	65
29) Tetrahydrofuran	7.452	42	25651	107.974	ug/l #	72
30) Chloroform	7.593	83	81305	22.461	ug/l	100
31) Cyclohexane	7.881	56	50009	20.042	ug/l #	81
32) 1,1,1-Trichloroethane	7.793	97	61883	21.452	ug/l	96
36) 1,1-Dichloropropene	8.005	75	52527	19.684	ug/l	93
37) Ethyl Acetate	7.163	43	20787	22.495	ug/l #	88
38) Carbon Tetrachloride	7.987	117	49530	20.548	ug/l	95
39) Methylcyclohexane	9.269	83	56854	18.505	ug/l	95
40) Benzene	8.252	78	173306	20.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10654	21.027	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	44154	21.758	ug/l	93
43) Isopropyl Acetate	8.363	43	33961	19.674	ug/l #	77
44) Trichloroethene	9.028	130	47670	19.716	ug/l	83
45) 1,2-Dichloropropane	9.304	63	43505	20.558	ug/l #	86
46) Dibromomethane	9.393	93	23670	19.955	ug/l	87
47) Bromodichloromethane	9.581	83	58631	20.566	ug/l	95
48) Methyl methacrylate	9.381	41	15740	20.602	ug/l #	62
49) 1,4-Dioxane	9.387	88	5764	454.407	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	94304	102.720	ug/l #	84
52) Toluene	10.334	92	109570	20.448	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	52130	20.289	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	63896	20.377	ug/l #	75
55) 1,1,2-Trichloroethane	10.728	97	36417	21.409	ug/l	88
56) Ethyl methacrylate	10.599	69	32367	18.931	ug/l #	72
57) 1,3-Dichloropropane	10.881	76	55070	20.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	82350	100.383	ug/l	94
59) 2-Hexanone	10.922	43	68639	106.015	ug/l	80
60) Dibromochloromethane	11.075	129	40625	21.240	ug/l	98
61) 1,2-Dibromoethane	11.181	107	32796	21.674	ug/l	97
64) Tetrachloroethene	10.810	164	38860	18.777	ug/l	95
65) Chlorobenzene	11.604	112	121095	19.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	42505	20.159	ug/l	95
67) Ethyl Benzene	11.687	91	185257	18.923	ug/l	97
68) m/p-Xylenes	11.793	106	159073	39.755	ug/l	90
69) o-Xylene	12.122	106	71069	19.465	ug/l	91
70) Styrene	12.134	104	126047	19.913	ug/l	94
71) Bromoform	12.298	173	23884	20.138	ug/l #	100
73) Isopropylbenzene	12.422	105	178934	18.723	ug/l	97
74) N-amyl acetate	12.234	43	32047	18.826	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	40864	19.894	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	22596m	17.873	ug/l	
77) Bromobenzene	12.698	156	49089	19.164	ug/l	92
78) n-propylbenzene	12.763	91	229788	19.317	ug/l	96
79) 2-Chlorotoluene	12.851	91	125304	19.032	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	155000	19.564	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	11183	18.556	ug/l #	78
82) 4-Chlorotoluene	12.945	91	136762	19.529	ug/l	93
83) tert-Butylbenzene	13.169	119	127202	18.998	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	152772	19.362	ug/l	92
85) sec-Butylbenzene	13.345	105	198327	19.006	ug/l	98
86) p-Isopropyltoluene	13.463	119	160567	18.805	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	101263	19.552	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	101176	19.729	ug/l	98
89) n-Butylbenzene	13.787	91	147766	18.364	ug/l	97
90) Hexachloroethane	14.051	117	34049	19.387	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	88887	19.557	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4783	17.934	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	48070	18.182	ug/l	97
94) Hexachlorobutadiene	15.204	225	23890	17.723	ug/l	97
95) Naphthalene	15.334	128	88641	18.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43091	17.922	ug/l	97

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

