

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076532.D
 Acq On : 22 Jun 2023 11:47
 Operator : KP/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

06/23/2023

Supervised By :Mahesh

Dadoda

06/23/2023

Quant Time: Jun 23 06:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	205749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64633	48.997	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.000%		
35) Dibromofluoromethane	7.805	113	71976	52.976	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.960%		
50) Toluene-d8	10.269	98	263339	51.108	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.220%		
62) 4-Bromofluorobenzene	12.575	95	86566	51.766	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	20068	20.059	ug/l	100
3) Chloromethane	2.146	50	36493	17.539	ug/l	99
4) Vinyl Chloride	2.275	62	43092	18.566	ug/l	100
5) Bromomethane	2.675	94	29645	19.644	ug/l	99
6) Chloroethane	2.828	64	29516	18.554	ug/l #	87
7) Trichlorofluoromethane	3.164	101	40769	21.344	ug/l	92
8) Diethyl Ether	3.599	74	12705	17.674	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.964	101	24594	19.993	ug/l	98
10) Methyl Iodide	4.152	142	27191	18.645	ug/l	93
11) Tert butyl alcohol	5.052	59	9387	82.420	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	22195	18.423	ug/l #	75
13) Acrolein	3.793	56	11432	93.190	ug/l	99
14) Allyl chloride	4.558	41	39502	17.929	ug/l #	88
15) Acrylonitrile	5.258	53	31829	86.108	ug/l	96
16) Acetone	4.022	43	27406	87.309	ug/l #	73
17) Carbon Disulfide	4.258	76	57131	17.356	ug/l	98
18) Methyl Acetate	4.558	43	24207	16.734	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	60451	18.344	ug/l	93
20) Methylene Chloride	4.793	84	32561	12.714	ug/l #	70
21) trans-1,2-Dichloroethene	5.299	96	27191	19.528	ug/l #	84
22) Diisopropyl ether	6.211	45	87001	18.262	ug/l #	88
23) Vinyl Acetate	6.152	43	202160	85.610	ug/l #	88
24) 1,1-Dichloroethane	6.111	63	51067	19.196	ug/l	93
25) 2-Butanone	7.081	43	41709	85.909	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	43596	19.008	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	30728	18.234	ug/l	79
28) Bromochloromethane	7.428	49	16796	20.723	ug/l #	72
29) Tetrahydrofuran	7.440	42	25696	82.356	ug/l #	81
30) Chloroform	7.599	83	51929	19.714	ug/l	90
31) Cyclohexane	7.875	56	39405	18.410	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	43552	20.454	ug/l	97
36) 1,1-Dichloropropene	8.010	75	35796	18.814	ug/l	96
37) Ethyl Acetate	7.163	43	17984	16.312	ug/l #	89
38) Carbon Tetrachloride	7.987	117	33793	19.872	ug/l	87
39) Methylcyclohexane	9.269	83	39452	17.670	ug/l	93
40) Benzene	8.252	78	105306	18.150	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.410	41	11508	18.485	ug/l	#	75
42) 1,2-Dichloroethane	8.322	62	29546	18.846	ug/l		94
43) Isopropyl Acetate	8.363	43	34160	16.366	ug/l	#	88
44) Trichloroethene	9.022	130	30684	19.604	ug/l		92
45) 1,2-Dichloropropane	9.305	63	31078	19.755	ug/l		93
46) Dibromomethane	9.393	93	16347	19.398	ug/l		94
47) Bromodichloromethane	9.587	83	38121	18.903	ug/l		99
48) Methyl methacrylate	9.381	41	16509	17.257	ug/l	#	71
49) 1,4-Dioxane	9.393	88	3152	312.169	ug/l	#	69
51) 4-Methyl-2-Pentanone	10.157	43	92325	86.532	ug/l	#	84
52) Toluene	10.334	92	70995	19.499	ug/l		97
53) t-1,3-Dichloropropene	10.552	75	36979	18.070	ug/l	#	86
54) cis-1,3-Dichloropropene	10.016	75	43087	17.759	ug/l	#	86
55) 1,1,2-Trichloroethane	10.728	97	20966	17.786	ug/l		95
56) Ethyl methacrylate	10.599	69	26618	17.294	ug/l	#	70
57) 1,3-Dichloropropane	10.881	76	35862	17.769	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.869	63	58537	89.706	ug/l		95
59) 2-Hexanone	10.922	43	64328	86.675	ug/l		82
60) Dibromochloromethane	11.075	129	25408	18.521	ug/l		92
61) 1,2-Dibromoethane	11.175	107	20589	18.606	ug/l		96
64) Tetrachloroethene	10.810	164	25374	20.545	ug/l		93
65) Chlorobenzene	11.604	112	76748	19.635	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.681	131	26663	19.073	ug/l		99
67) Ethyl Benzene	11.681	91	136604	19.723	ug/l		98
68) m/p-Xylenes	11.793	106	105590	39.054	ug/l		94
69) o-Xylene	12.122	106	47905	18.614	ug/l		85
70) Styrene	12.134	104	84113	18.920	ug/l		94
71) Bromoform	12.298	173	16527	19.690	ug/l	#	99
73) Isopropylbenzene	12.422	105	129379	18.936	ug/l		98
74) N-amyl acetate	12.234	43	34144	17.070	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.669	83	26622	18.882	ug/l		98
76) 1,2,3-Trichloropropane	12.722	75	16812m	16.692	ug/l		
77) Bromobenzene	12.698	156	32489	19.274	ug/l		96
78) n-propylbenzene	12.763	91	163616	19.394	ug/l		96
79) 2-Chlorotoluene	12.845	91	89347	19.287	ug/l		96
80) 1,3,5-Trimethylbenzene	12.904	105	108061	19.367	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.469	75	8957	19.487	ug/l		93
82) 4-Chlorotoluene	12.945	91	93429	19.420	ug/l		94
83) tert-Butylbenzene	13.163	119	96480	19.460	ug/l		96
84) 1,2,4-Trimethylbenzene	13.210	105	105741	18.806	ug/l		98
85) sec-Butylbenzene	13.345	105	146635	19.931	ug/l		98
86) p-Isopropyltoluene	13.457	119	120188	19.550	ug/l		95
87) 1,3-Dichlorobenzene	13.457	146	65268	19.712	ug/l		99
88) 1,4-Dichlorobenzene	13.540	146	62500	18.927	ug/l		94
89) n-Butylbenzene	13.787	91	118021	19.683	ug/l		99
90) Hexachloroethane	14.051	117	21424	18.885	ug/l		98
91) 1,2-Dichlorobenzene	13.828	146	56605	19.564	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3821	18.006	ug/l		97
93) 1,2,4-Trichlorobenzene	15.098	180	35625	18.475	ug/l		98
94) Hexachlorobutadiene	15.210	225	19060	20.332	ug/l		97
95) Naphthalene	15.334	128	68886	17.865	ug/l		95
96) 1,2,3-Trichlorobenzene	15.522	180	32328	19.243	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

