

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076413.D
 Acq On : 14 Jun 2023 12:35
 Operator : KP/SY
 Sample : VD0614SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jun 15 05:30:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	194196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	142317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104328	46.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.804	113	108482	49.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.269	98	409198	49.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.575	95	131465	46.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	34319	19.786	ug/l	95
3) Chloromethane	2.146	50	62500	19.030	ug/l	99
4) Vinyl Chloride	2.275	62	67925	21.614	ug/l	100
5) Bromomethane	2.675	94	39460	23.963	ug/l	97
6) Chloroethane	2.822	64	43708	23.096	ug/l	100
7) Trichlorofluoromethane	3.163	101	61446	19.430	ug/l	97
8) Diethyl Ether	3.587	74	21987	19.353	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.952	101	38740	20.374	ug/l	94
10) Methyl Iodide	4.163	142	44803	18.324	ug/l	91
11) Tert butyl alcohol	5.057	59	17175	91.596	ug/l	95
12) 1,1-Dichloroethene	3.928	96	37708	19.446	ug/l	86
13) Acrolein	3.793	56	23311	108.382	ug/l	97
14) Allyl chloride	4.557	41	70952	18.709	ug/l #	85
15) Acrylonitrile	5.252	53	57594	99.633	ug/l	99
16) Acetone	4.022	43	48181	97.712	ug/l #	78
17) Carbon Disulfide	4.263	76	98763	17.726	ug/l	100
18) Methyl Acetate	4.563	43	45948	20.439	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	106383	19.772	ug/l	94
20) Methylene Chloride	4.793	84	53752	16.582	ug/l #	66
21) trans-1,2-Dichloroethene	5.310	96	42431	18.829	ug/l #	81
22) Diisopropyl ether	6.216	45	151395	19.610	ug/l #	90
23) Vinyl Acetate	6.152	43	380248	114.680	ug/l #	86
24) 1,1-Dichloroethane	6.110	63	84072	19.592	ug/l	96
25) 2-Butanone	7.081	43	74709	96.872	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	71304	18.455	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	50904	18.975	ug/l	81
28) Bromochloromethane	7.422	49	26143	19.467	ug/l #	69
29) Tetrahydrofuran	7.451	42	49343	100.286	ug/l #	74
30) Chloroform	7.598	83	81935	19.157	ug/l	94
31) Cyclohexane	7.881	56	68501	19.087	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	69044	18.902	ug/l	97
36) 1,1-Dichloropropene	8.004	75	60026	18.776	ug/l	95
37) Ethyl Acetate	7.169	43	36985	21.994	ug/l #	87
38) Carbon Tetrachloride	7.993	117	55666	18.754	ug/l	97
39) Methylcyclohexane	9.275	83	69088	18.768	ug/l #	84
40) Benzene	8.246	78	176665	19.008	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	20134	18.716	ug/l	#	79
42) 1,2-Dichloroethane	8.322	62	50381	18.203	ug/l		94
43) Isopropyl Acetate	8.357	43	68040	19.299	ug/l	#	84
44) Trichloroethene	9.028	130	48977	19.439	ug/l		96
45) 1,2-Dichloropropane	9.304	63	48702	19.715	ug/l		98
46) Dibromomethane	9.393	93	25605	18.782	ug/l		94
47) Bromodichloromethane	9.587	83	64778	19.182	ug/l		93
48) Methyl methacrylate	9.381	41	33599	19.884	ug/l	#	68
49) 1,4-Dioxane	9.387	88	6706	414.602	ug/l	#	73
51) 4-Methyl-2-Pentanone	10.157	43	170052	97.112	ug/l	#	84
52) Toluene	10.334	92	113514	19.320	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	65107	18.850	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	76260	19.199	ug/l	#	84
55) 1,1,2-Trichloroethane	10.734	97	35440	19.463	ug/l		96
56) Ethyl methacrylate	10.598	69	47218	18.672	ug/l	#	63
57) 1,3-Dichloropropane	10.881	76	62571	19.754	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	102856	99.856	ug/l		93
59) 2-Hexanone	10.922	43	118672	96.682	ug/l		82
60) Dibromochloromethane	11.075	129	42971	19.073	ug/l		95
61) 1,2-Dibromoethane	11.181	107	34538	19.551	ug/l		100
64) Tetrachloroethene	10.810	164	39834	19.282	ug/l		96
65) Chlorobenzene	11.604	112	122324	19.611	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.681	131	44427	19.049	ug/l		97
67) Ethyl Benzene	11.687	91	219378	19.096	ug/l		96
68) m/p-Xylenes	11.792	106	168358	38.732	ug/l		90
69) o-Xylene	12.122	106	78848	18.883	ug/l		88
70) Styrene	12.134	104	136271	19.128	ug/l		95
71) Bromoform	12.298	173	26497	19.478	ug/l	#	97
73) Isopropylbenzene	12.422	105	210659	19.573	ug/l		96
74) N-amyl acetate	12.234	43	64580	19.675	ug/l	#	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	43782	20.600	ug/l		96
76) 1,2,3-Trichloropropane	12.728	75	35183m	26.444	ug/l		
77) Bromobenzene	12.704	156	50138	19.744	ug/l		87
78) n-propylbenzene	12.763	91	258415	19.698	ug/l		96
79) 2-Chlorotoluene	12.851	91	143172	19.286	ug/l		95
80) 1,3,5-Trimethylbenzene	12.904	105	170891	19.023	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	13238	17.814	ug/l	#	85
82) 4-Chlorotoluene	12.951	91	146460	18.839	ug/l		94
83) tert-Butylbenzene	13.169	119	150756	19.555	ug/l		95
84) 1,2,4-Trimethylbenzene	13.216	105	171698	19.344	ug/l		96
85) sec-Butylbenzene	13.345	105	221915	19.558	ug/l		97
86) p-Isopropyltoluene	13.463	119	185826	19.449	ug/l		95
87) 1,3-Dichlorobenzene	13.457	146	95469	19.426	ug/l		96
88) 1,4-Dichlorobenzene	13.539	146	95545	19.672	ug/l		96
89) n-Butylbenzene	13.786	91	180418	19.654	ug/l		99
90) Hexachloroethane	14.051	117	35970	20.401	ug/l		94
91) 1,2-Dichlorobenzene	13.833	146	85191	19.710	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6694	19.173	ug/l		93
93) 1,2,4-Trichlorobenzene	15.098	180	57020	19.711	ug/l		97
94) Hexachlorobutadiene	15.204	225	28174	19.359	ug/l		97
95) Naphthalene	15.333	128	115162	19.825	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	48815	19.538	ug/l		98

06/15/2023
 Supervised By :Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Dadoda

06/15/2023

