

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076529.D
 Acq On : 22 Jun 2023 09:36
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jun 23 06:34:31 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	130605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58745	44.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.780%
35) Dibromofluoromethane	7.804	113	61269	47.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.269	98	233904	47.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.575	95	74818	47.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	47058	47.418	ug/l	96
3) Chloromethane	2.146	50	84583	40.980	ug/l	100
4) Vinyl Chloride	2.281	62	101829	44.227	ug/l	99
5) Bromomethane	2.687	94	65719	43.899	ug/l	99
6) Chloroethane	2.828	64	71497	45.307	ug/l	100
7) Trichlorofluoromethane	3.169	101	96051	50.693	ug/l	97
8) Diethyl Ether	3.593	74	30904	43.338	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.963	101	59895	49.084	ug/l	96
10) Methyl Iodide	4.158	142	70300	48.594	ug/l	91
11) Tert butyl alcohol	5.052	59	24750	219.065	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	56053	46.903	ug/l #	82
13) Acrolein	3.793	56	26930	221.296	ug/l	93
14) Allyl chloride	4.558	41	95972	43.912	ug/l #	87
15) Acrylonitrile	5.252	53	86789	236.688	ug/l	100
16) Acetone	4.016	43	84339	270.851	ug/l #	85
17) Carbon Disulfide	4.269	76	143465	43.936	ug/l	96
18) Methyl Acetate	4.563	43	64835	45.181	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	151724	46.413	ug/l	95
20) Methylene Chloride	4.799	84	76883	42.955	ug/l #	77
21) trans-1,2-Dichloroethene	5.310	96	61448	44.486	ug/l #	85
22) Diisopropyl ether	6.216	45	213763	45.232	ug/l #	90
23) Vinyl Acetate	6.152	43	540713m	230.827	ug/l	
24) 1,1-Dichloroethane	6.105	63	120828	45.786	ug/l	94
25) 2-Butanone	7.075	43	119142	247.379	ug/l #	80
26) 2,2-Dichloropropane	7.069	77	106117	46.640	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	78020	46.671	ug/l	87
28) Bromochloromethane	7.422	49	32370	42.261	ug/l #	71
29) Tetrahydrofuran	7.446	42	69723	225.268	ug/l #	78
30) Chloroform	7.593	83	121601	46.536	ug/l	99
31) Cyclohexane	7.875	56	97573	48.095	ug/l #	81
32) 1,1,1-Trichloroethane	7.787	97	102719	48.630	ug/l	98
36) 1,1-Dichloropropene	8.004	75	92008	51.020	ug/l	96
37) Ethyl Acetate	7.175	43	48740	46.642	ug/l #	87
38) Carbon Tetrachloride	7.993	117	88029	54.614	ug/l	99
39) Methylcyclohexane	9.275	83	103415	48.866	ug/l #	86
40) Benzene	8.252	78	266218	48.408	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	29646	50.240	ug/l	#	81
42) 1,2-Dichloroethane	8.328	62	75044	50.502	ug/l		94
43) Isopropyl Acetate	8.363	43	93799	47.412	ug/l	#	85
44) Trichloroethene	9.028	130	71489	48.189	ug/l		85
45) 1,2-Dichloropropane	9.304	63	71232	47.772	ug/l	#	89
46) Dibromomethane	9.393	93	41298	51.702	ug/l		90
47) Bromodichloromethane	9.581	83	95480	49.951	ug/l		97
48) Methyl methacrylate	9.375	41	43640	48.127	ug/l	#	72
49) 1,4-Dioxane	9.387	88	9369	978.958	ug/l	#	77
51) 4-Methyl-2-Pentanone	10.157	43	251312	248.506	ug/l	#	85
52) Toluene	10.334	92	167520	48.542	ug/l		99
53) t-1,3-Dichloropropene	10.557	75	96109	49.550	ug/l		95
54) cis-1,3-Dichloropropene	10.016	75	110563	48.079	ug/l	#	81
55) 1,1,2-Trichloroethane	10.734	97	53603	47.975	ug/l		95
56) Ethyl methacrylate	10.598	69	70391	48.250	ug/l	#	72
57) 1,3-Dichloropropane	10.881	76	92770	48.495	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	144673	233.908	ug/l		95
59) 2-Hexanone	10.922	43	181510	258.025	ug/l		82
60) Dibromochloromethane	11.069	129	67210	51.688	ug/l		95
61) 1,2-Dibromoethane	11.181	107	52596	50.146	ug/l		98
64) Tetrachloroethene	10.810	164	62240	52.419	ug/l		99
65) Chlorobenzene	11.610	112	187182	49.809	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.687	131	70209	52.240	ug/l		95
67) Ethyl Benzene	11.687	91	336158	50.483	ug/l		97
68) m/p-Xylenes	11.793	106	264319	101.688	ug/l		94
69) o-Xylene	12.122	106	123574	49.942	ug/l		92
70) Styrene	12.134	104	215229	50.355	ug/l		97
71) Bromoform	12.298	173	43496	53.902	ug/l	#	99
73) Isopropylbenzene	12.422	105	325851	48.559	ug/l		98
74) N-amyl acetate	12.234	43	87700	44.643	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	66282	47.868	ug/l		100
76) 1,2,3-Trichloropropane	12.722	75	44309m	44.794	ug/l		
77) Bromobenzene	12.698	156	78251	47.267	ug/l		89
78) n-propylbenzene	12.763	91	406856	49.104	ug/l		96
79) 2-Chlorotoluene	12.851	91	213847	47.001	ug/l		98
80) 1,3,5-Trimethylbenzene	12.904	105	265676	48.481	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.469	75	21999	48.733	ug/l		88
82) 4-Chlorotoluene	12.945	91	225609	47.747	ug/l		95
83) tert-Butylbenzene	13.169	119	234638	48.188	ug/l		96
84) 1,2,4-Trimethylbenzene	13.210	105	270109	48.911	ug/l		96
85) sec-Butylbenzene	13.345	105	357772	49.513	ug/l		97
86) p-Isopropyltoluene	13.463	119	302685	50.132	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	155938	47.953	ug/l		99
88) 1,4-Dichlorobenzene	13.539	146	153833	47.432	ug/l		97
89) n-Butylbenzene	13.787	91	285577	48.493	ug/l		98
90) Hexachloroethane	14.057	117	55495	49.807	ug/l		95
91) 1,2-Dichlorobenzene	13.828	146	135900	47.825	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9821	47.121	ug/l		97
93) 1,2,4-Trichlorobenzene	15.098	180	89226	47.115	ug/l		97
94) Hexachlorobutadiene	15.204	225	44836	48.697	ug/l		99
95) Naphthalene	15.334	128	182436	48.175	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	79550	48.213	ug/l		100

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 Supervised By :Mahesh
 Dadoda

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

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Dadoda

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