

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076466.D
 Acq On : 19 Jun 2023 13:11
 Operator : KP/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 05:23:17 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

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 06/20/2023
 Supervised By :Mahesh
 Dadoda
 06/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	157011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	69354	44.087	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.180%		
35) Dibromofluoromethane	7.799	113	73153	45.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.460%		
50) Toluene-d8	10.269	98	276249	45.037	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.080%		
62) 4-Bromofluorobenzene	12.575	95	90164	45.293	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	25571	21.433	ug/l	99
3) Chloromethane	2.146	50	49348	19.888	ug/l	100
4) Vinyl Chloride	2.275	62	55830	20.171	ug/l	97
5) Bromomethane	2.675	94	34089	18.941	ug/l	95
6) Chloroethane	2.822	64	36522	19.252	ug/l	97
7) Trichlorofluoromethane	3.169	101	47603	20.898	ug/l	98
8) Diethyl Ether	3.593	74	16424	19.159	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.958	101	30585	20.849	ug/l	99
10) Methyl Iodide	4.152	142	31795	18.282	ug/l	95
11) Tert butyl alcohol	5.069	59	14191	104.482	ug/l	98
12) 1,1-Dichloroethene	3.928	96	28444	19.798	ug/l #	81
13) Acrolein	3.787	56	16428	112.293	ug/l	97
14) Allyl chloride	4.558	41	51088	19.444	ug/l #	86
15) Acrylonitrile	5.252	53	44227	100.330	ug/l	97
16) Acetone	4.016	43	31296	83.603	ug/l	99
17) Carbon Disulfide	4.264	76	74077	18.871	ug/l	99
18) Methyl Acetate	4.552	43	35563	20.614	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	76960	19.583	ug/l #	88
20) Methylene Chloride	4.799	84	37813	12.139	ug/l #	86
21) trans-1,2-Dichloroethene	5.299	96	34091	20.530	ug/l	91
22) Diisopropyl ether	6.210	45	111457	19.618	ug/l #	92
23) Vinyl Acetate	6.152	43	278127	98.763	ug/l #	86
24) 1,1-Dichloroethane	6.105	63	63063	19.878	ug/l	99
25) 2-Butanone	7.081	43	55061	95.098	ug/l #	78
26) 2,2-Dichloropropane	7.069	77	53178	19.442	ug/l	93
27) cis-1,2-Dichloroethene	7.069	96	39570	19.690	ug/l	86
28) Bromochloromethane	7.428	49	21310	22.182	ug/l #	68
29) Tetrahydrofuran	7.446	42	38525	103.537	ug/l #	75
30) Chloroform	7.593	83	61637	19.621	ug/l	99
31) Cyclohexane	7.869	56	52251	20.630	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	52313	20.601	ug/l	96
36) 1,1-Dichloropropene	8.005	75	46091	20.350	ug/l	94
37) Ethyl Acetate	7.163	43	24216	18.451	ug/l #	92
38) Carbon Tetrachloride	7.987	117	40525	20.019	ug/l	97
39) Methylcyclohexane	9.269	83	53096	19.976	ug/l	90
40) Benzene	8.252	78	135309	19.590	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	16144	21.783	ug/l #	77
42) 1,2-Dichloroethane	8.322	62	38158	20.446	ug/l	97
43) Isopropyl Acetate	8.357	43	50373	20.273	ug/l #	85
44) Trichloroethene	9.022	130	37931	20.358	ug/l	95
45) 1,2-Dichloropropane	9.304	63	38112	20.351	ug/l	97
46) Dibromomethane	9.393	93	19409	19.347	ug/l	97
47) Bromodichloromethane	9.581	83	47852	19.932	ug/l #	96
48) Methyl methacrylate	9.375	41	20861	18.318	ug/l #	75
49) 1,4-Dioxane	9.381	88	4929	410.072	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	133953	105.464	ug/l #	84
52) Toluene	10.334	92	86081	19.861	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	49260	20.221	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	55278	19.139	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	27808	19.817	ug/l	97
56) Ethyl methacrylate	10.593	69	37015	20.202	ug/l #	66
57) 1,3-Dichloropropane	10.875	76	47526	19.781	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	79059	101.774	ug/l	90
59) 2-Hexanone	10.922	43	90321	102.230	ug/l	83
60) Dibromochloromethane	11.069	129	32640	19.987	ug/l	93
61) 1,2-Dibromoethane	11.175	107	25973	19.717	ug/l	99
64) Tetrachloroethene	10.810	164	31539	21.601	ug/l	98
65) Chlorobenzene	11.604	112	93078	20.142	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	32450	19.635	ug/l	98
67) Ethyl Benzene	11.681	91	165717	20.238	ug/l	96
68) m/p-Xylenes	11.793	106	127106	39.766	ug/l	91
69) o-Xylene	12.122	106	60828	19.992	ug/l	93
70) Styrene	12.134	104	106935	20.345	ug/l	95
71) Bromoform	12.298	173	20108	20.264	ug/l #	96
73) Isopropylbenzene	12.422	105	160603	20.577	ug/l	96
74) N-amyl acetate	12.234	43	47062	20.597	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.669	83	36498	22.662	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	26849m	23.336	ug/l	
77) Bromobenzene	12.698	156	38314	19.898	ug/l	87
78) n-propylbenzene	12.763	91	196677	20.408	ug/l	97
79) 2-Chlorotoluene	12.845	91	107472	20.308	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	129773	20.360	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	11518	21.937	ug/l	94
82) 4-Chlorotoluene	12.945	91	110690	20.140	ug/l	100
83) tert-Butylbenzene	13.163	119	115384	20.373	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	129188	20.113	ug/l	95
85) sec-Butylbenzene	13.345	105	170012	20.229	ug/l	99
86) p-Isopropyltoluene	13.463	119	141765	20.187	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	75475	19.955	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	75638	20.051	ug/l	96
89) n-Butylbenzene	13.787	91	141936	20.721	ug/l	96
90) Hexachloroethane	14.051	117	25780	19.893	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	67857	20.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5131	21.166	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	44045	19.996	ug/l	98
94) Hexachlorobutadiene	15.204	225	22854	21.341	ug/l	99
95) Naphthalene	15.328	128	92210	20.934	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	37802	19.698	ug/l	96

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

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