

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076577.D
 Acq On : 26 Jun 2023 13:27
 Operator : KP/SY
 Sample : VD0626SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 04:25:06 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	130416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62902	48.140	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.280%		
35) Dibromofluoromethane	7.799	113	67534	51.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.540%		
50) Toluene-d8	10.269	98	239316	47.905	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.800%		
62) 4-Bromofluorobenzene	12.575	95	80783	49.826	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	20278	20.463	ug/l	98
3) Chloromethane	2.146	50	35242	17.099	ug/l	100
4) Vinyl Chloride	2.281	62	40286	17.523	ug/l	97
5) Bromomethane	2.675	94	28275	18.915	ug/l	99
6) Chloroethane	2.828	64	30480	19.343	ug/l	97
7) Trichlorofluoromethane	3.169	101	38397	20.294	ug/l	96
8) Diethyl Ether	3.587	74	13244	18.600	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	23931	19.640	ug/l	97
10) Methyl Iodide	4.158	142	28579	19.783	ug/l	91
11) Tert butyl alcohol	5.063	59	9369	83.046	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	22342	18.722	ug/l	88
13) Acrolein	3.793	56	10260	84.433	ug/l	89
14) Allyl chloride	4.552	41	39465	18.083	ug/l #	86
15) Acrylonitrile	5.252	53	32260	88.106	ug/l	98
16) Acetone	4.022	43	29554	95.049	ug/l #	83
17) Carbon Disulfide	4.269	76	51986	15.944	ug/l	100
18) Methyl Acetate	4.558	43	24732	17.260	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	59841	18.332	ug/l #	87
20) Methylene Chloride	4.799	84	33554	13.597	ug/l #	89
21) trans-1,2-Dichloroethene	5.305	96	25498	18.486	ug/l #	83
22) Diisopropyl ether	6.210	45	86650	18.362	ug/l #	91
23) Vinyl Acetate	6.152	43	168874	72.196	ug/l #	88
24) 1,1-Dichloroethane	6.110	63	51485	19.538	ug/l	97
25) 2-Butanone	7.081	43	43654	90.772	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	44011	19.371	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	32209	19.295	ug/l	84
28) Bromochloromethane	7.422	49	17157	21.436	ug/l #	71
29) Tetrahydrofuran	7.440	42	26388	85.380	ug/l #	79
30) Chloroform	7.599	83	52592	20.156	ug/l	95
31) Cyclohexane	7.881	56	38317	18.046	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	43894	20.811	ug/l	95
36) 1,1-Dichloropropene	8.004	75	36376	19.720	ug/l	95
37) Ethyl Acetate	7.175	43	17664	16.525	ug/l	97
38) Carbon Tetrachloride	7.987	117	33743	20.466	ug/l	94
39) Methylcyclohexane	9.275	83	38444	17.759	ug/l #	87
40) Benzene	8.252	78	107544	19.118	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13495	22.358	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	31997	21.051	ug/l	95
43) Isopropyl Acetate	8.363	43	34975	17.283	ug/l #	74
44) Trichloroethene	9.028	130	28861	19.019	ug/l	98
45) 1,2-Dichloropropane	9.304	63	29182	19.133	ug/l #	87
46) Dibromomethane	9.399	93	17478	21.391	ug/l	89
47) Bromodichloromethane	9.581	83	41194	21.068	ug/l #	97
48) Methyl methacrylate	9.381	41	17887	19.285	ug/l #	66
49) 1,4-Dioxane	9.387	88	3756	383.677	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	94988	91.825	ug/l	88
52) Toluene	10.334	92	69342	19.643	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	38833	19.573	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	43980	18.697	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	21654	18.947	ug/l #	87
56) Ethyl methacrylate	10.598	69	28137	18.855	ug/l #	71
57) 1,3-Dichloropropane	10.881	76	39022	19.942	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	59762	94.461	ug/l	94
59) 2-Hexanone	10.922	43	67989	94.486	ug/l	84
60) Dibromochloromethane	11.075	129	27975	21.033	ug/l	98
61) 1,2-Dibromoethane	11.181	107	21294	19.848	ug/l	99
64) Tetrachloroethene	10.810	164	23675	19.811	ug/l	90
65) Chlorobenzene	11.610	112	77855	20.585	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	29682	21.944	ug/l	94
67) Ethyl Benzene	11.687	91	138643	20.688	ug/l	95
68) m/p-Xylenes	11.793	106	106909	40.866	ug/l	91
69) o-Xylene	12.122	106	51675	20.751	ug/l	94
70) Styrene	12.134	104	88045	20.467	ug/l	95
71) Bromoform	12.298	173	16980	20.907	ug/l #	99
73) Isopropylbenzene	12.422	105	131279	19.475	ug/l	98
74) N-amyl acetate	12.234	43	34078	17.268	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.675	83	27600	19.842	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	19164m	19.286	ug/l	
77) Bromobenzene	12.704	156	32601	19.603	ug/l	86
78) n-propylbenzene	12.763	91	163179	19.605	ug/l	96
79) 2-Chlorotoluene	12.851	91	91926	20.112	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	110075	19.995	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	8175	18.027	ug/l	88
82) 4-Chlorotoluene	12.945	91	93860	19.774	ug/l	96
83) tert-Butylbenzene	13.169	119	96835	19.797	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	109478	19.734	ug/l	98
85) sec-Butylbenzene	13.345	105	144733	19.939	ug/l	98
86) p-Isopropyltoluene	13.463	119	121883	20.095	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	66640	20.400	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	65005	19.952	ug/l	95
89) n-Butylbenzene	13.787	91	115333	19.495	ug/l	99
90) Hexachloroethane	14.051	117	22451	20.058	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	57520	20.150	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4049	19.339	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	36894	19.393	ug/l	97
94) Hexachlorobutadiene	15.204	225	19847	21.458	ug/l	94
95) Naphthalene	15.333	128	70416	18.510	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	31877	19.232	ug/l	97

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

