

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076414.D
 Acq On : 14 Jun 2023 13:05
 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 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 05:31:07 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	7.869	168	181043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110551	52.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.740%			
35) Dibromofluoromethane	7.805	113	113688	54.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.680%			
50) Toluene-d8	10.269	98	427188	53.882	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.575	95	142873	52.530	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	30643	18.951	ug/l	87
3) Chloromethane	2.146	50	61177	19.981	ug/l	97
4) Vinyl Chloride	2.281	62	64936	22.164	ug/l	94
5) Bromomethane	2.675	94	40579	26.432	ug/l	99
6) Chloroethane	2.828	64	42224	23.932	ug/l	97
7) Trichlorofluoromethane	3.170	101	58124	19.715	ug/l	99
8) Diethyl Ether	3.593	74	22329	21.081	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.952	101	36763	20.739	ug/l	97
10) Methyl Iodide	4.152	142	44996	19.740	ug/l	93
11) Tert butyl alcohol	5.052	59	16915	96.763	ug/l	100
12) 1,1-Dichloroethene	3.928	96	35731	19.765	ug/l	91
13) Acrolein	3.793	56	22355	111.488	ug/l	92
14) Allyl chloride	4.558	41	70964	20.072	ug/l #	87
15) Acrylonitrile	5.252	53	56480	104.804	ug/l	98
16) Acetone	4.028	43	44444	96.682	ug/l #	84
17) Carbon Disulfide	4.264	76	95876	18.458	ug/l	96
18) Methyl Acetate	4.569	43	43858	20.926	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	102939	20.521	ug/l	94
20) Methylene Chloride	4.799	84	54486	18.625	ug/l #	77
21) trans-1,2-Dichloroethene	5.305	96	43606	20.756	ug/l	93
22) Diisopropyl ether	6.216	45	150954	20.974	ug/l #	89
23) Vinyl Acetate	6.152	43	378307	122.384	ug/l #	86
24) 1,1-Dichloroethane	6.105	63	81090	20.270	ug/l	95
25) 2-Butanone	7.081	43	73744	102.568	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	69323	19.245	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	50444	20.170	ug/l	84
28) Bromochloromethane	7.422	49	27119	22.178	ug/l #	67
29) Tetrahydrofuran	7.446	42	49369	107.628	ug/l #	75
30) Chloroform	7.599	83	80354	20.153	ug/l	92
31) Cyclohexane	7.875	56	63988	19.125	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	67132	19.714	ug/l	98
36) 1,1-Dichloropropene	8.005	75	57815	18.933	ug/l	95
37) Ethyl Acetate	7.163	43	34061	21.207	ug/l #	88
38) Carbon Tetrachloride	7.993	117	52448	18.499	ug/l	98
39) Methylcyclohexane	9.275	83	67081	19.079	ug/l	90
40) Benzene	8.252	78	174922	19.704	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	22812	22.202	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	50019	18.921	ug/l	94
43) Isopropyl Acetate	8.363	43	67708	20.106	ug/l #	82
44) Trichloroethene	9.028	130	47311	19.660	ug/l	90
45) 1,2-Dichloropropane	9.305	63	48142	20.404	ug/l	96
46) Dibromomethane	9.393	93	25001	19.200	ug/l	96
47) Bromodichloromethane	9.581	83	64312	19.938	ug/l	94
48) Methyl methacrylate	9.381	41	28766	17.823	ug/l #	71
49) 1,4-Dioxane	9.387	88	5919	383.129	ug/l #	65
51) 4-Methyl-2-Pentanone	10.163	43	168619	100.815	ug/l #	85
52) Toluene	10.334	92	111075	19.792	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	64053	19.415	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	75834	19.988	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	35012	20.131	ug/l	89
56) Ethyl methacrylate	10.599	69	47860	19.815	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	62700	20.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	107441	109.206	ug/l	89
59) 2-Hexanone	10.922	43	116327	99.222	ug/l	82
60) Dibromochloromethane	11.075	129	44840	20.837	ug/l	98
61) 1,2-Dibromoethane	11.181	107	34367	20.367	ug/l	97
64) Tetrachloroethene	10.810	164	39597	19.566	ug/l	94
65) Chlorobenzene	11.610	112	119674	19.585	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	44182	19.338	ug/l	95
67) Ethyl Benzene	11.687	91	213468	18.968	ug/l	98
68) m/p-Xylenes	11.793	106	168832	39.648	ug/l	92
69) o-Xylene	12.122	106	80366	19.647	ug/l	90
70) Styrene	12.140	104	136266	19.525	ug/l	95
71) Bromoform	12.298	173	25947	19.470	ug/l #	95
73) Isopropylbenzene	12.422	105	204423	19.319	ug/l	97
74) N-amyl acetate	12.234	43	63795	19.769	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	42458	20.319	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	24616m	18.819	ug/l	
77) Bromobenzene	12.704	156	50157	20.090	ug/l	88
78) n-propylbenzene	12.763	91	252005	19.538	ug/l	96
79) 2-Chlorotoluene	12.851	91	140622	19.267	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	167898	19.010	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14322	19.603	ug/l	96
82) 4-Chlorotoluene	12.951	91	144252	18.873	ug/l	95
83) tert-Butylbenzene	13.169	119	148805	19.633	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	170230	19.508	ug/l	95
85) sec-Butylbenzene	13.345	105	217030	19.455	ug/l	98
86) p-Isopropyltoluene	13.463	119	180758	19.243	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	96923	20.060	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	97630	20.446	ug/l	97
89) n-Butylbenzene	13.787	91	178171	19.742	ug/l	98
90) Hexachloroethane	14.051	117	35338	20.386	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	84685	19.929	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6342	18.476	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	58364	20.522	ug/l	97
94) Hexachlorobutadiene	15.204	225	29212	20.416	ug/l	97
95) Naphthalene	15.334	128	112792	19.750	ug/l	96
96) 1,2,3-Trichlorobenzene	15.528	180	50246	20.456	ug/l	99

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

