

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075719.D
 Acq On : 18 Apr 2023 11:29
 Operator : KP/SY
 Sample : VD0418SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/19/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 19 01:22:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	198502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	311540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	150190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91816	48.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.460%		
35) Dibromofluoromethane	7.804	113	111522	48.944	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.880%		
50) Toluene-d8	10.269	98	455108	49.876	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.574	95	121974	50.292	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42916	23.268	ug/l	97
3) Chloromethane	2.146	50	64163	19.266	ug/l	99
4) Vinyl Chloride	2.287	62	90599	20.500	ug/l	100
5) Bromomethane	2.687	94	69482	20.136	ug/l	94
6) Chloroethane	2.834	64	57853	19.443	ug/l	100
7) Trichlorofluoromethane	3.175	101	77704	22.692	ug/l	94
8) Diethyl Ether	3.593	74	21117	19.814	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.969	101	49805	23.194	ug/l	93
10) Methyl Iodide	4.163	142	61226	20.834	ug/l	90
11) Tert butyl alcohol	5.051	59	9013	95.315	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	47167	21.214	ug/l	86
13) Acrolein	3.798	56	17758	93.102	ug/l	94
14) Allyl chloride	4.563	41	40276	19.891	ug/l #	79
15) Acrylonitrile	5.257	53	41661	104.659	ug/l	97
16) Acetone	4.022	43	32792	95.000	ug/l #	83
17) Carbon Disulfide	4.275	76	152697	20.987	ug/l	97
18) Methyl Acetate	4.563	43	25782	22.149	ug/l #	72
19) Methyl tert-butyl Ether	5.322	73	85016	19.703	ug/l	95
20) Methylene Chloride	4.798	84	60748	19.982	ug/l #	74
21) trans-1,2-Dichloroethene	5.316	96	55749	21.054	ug/l #	72
22) Diisopropyl ether	6.216	45	93053	20.337	ug/l #	90
23) Vinyl Acetate	6.157	43	216885	102.053	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	78771	20.776	ug/l	94
25) 2-Butanone	7.081	43	41712	93.854	ug/l #	66
26) 2,2-Dichloropropane	7.081	77	67138	19.533	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	59286	20.212	ug/l	78
28) Bromochloromethane	7.422	49	25022	20.878	ug/l #	48
29) Tetrahydrofuran	7.439	42	25780	106.071	ug/l #	62
30) Chloroform	7.598	83	88106	20.499	ug/l	97
31) Cyclohexane	7.875	56	65235	22.063	ug/l #	74
32) 1,1,1-Trichloroethane	7.792	97	74415	21.233	ug/l	93
36) 1,1-Dichloropropene	8.004	75	66041	21.009	ug/l	94
37) Ethyl Acetate	7.169	43	19965	20.870	ug/l #	78
38) Carbon Tetrachloride	7.992	117	59917	21.645	ug/l	95
39) Methylcyclohexane	9.275	83	80387	22.115	ug/l	90
40) Benzene	8.251	78	203356	20.810	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	10833	23.598	ug/l #	66
42) 1,2-Dichloroethane	8.328	62	46057	20.750	ug/l	91
43) Isopropyl Acetate	8.369	43	35259	20.212	ug/l #	81
44) Trichloroethene	9.028	130	56245	20.337	ug/l	99
45) 1,2-Dichloropropane	9.304	63	45189	20.635	ug/l	98
46) Dibromomethane	9.392	93	28200	20.299	ug/l	96
47) Bromodichloromethane	9.586	83	66647	20.972	ug/l	95
48) Methyl methacrylate	9.381	41	14671	18.877	ug/l #	58
49) 1,4-Dioxane	9.386	88	4966	360.289	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	90806	97.632	ug/l #	78
52) Toluene	10.333	92	131794	20.282	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	58311	19.142	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	70633	19.515	ug/l #	75
55) 1,1,2-Trichloroethane	10.733	97	38953	19.365	ug/l	91
56) Ethyl methacrylate	10.598	69	36971	18.676	ug/l #	66
57) 1,3-Dichloropropane	10.880	76	60478	19.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	86153	101.337	ug/l #	88
59) 2-Hexanone	10.922	43	62944	96.250	ug/l	71
60) Dibromochloromethane	11.075	129	45559	19.356	ug/l	99
61) 1,2-Dibromoethane	11.180	107	37590	19.590	ug/l	97
64) Tetrachloroethene	10.816	164	45804	20.415	ug/l	97
65) Chlorobenzene	11.610	112	137953	20.674	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.686	131	48720	21.238	ug/l	97
67) Ethyl Benzene	11.686	91	228740	21.122	ug/l	97
68) m/p-Xylenes	11.798	106	192927	43.470	ug/l	90
69) o-Xylene	12.122	106	83847	20.893	ug/l	93
70) Styrene	12.139	104	148037	20.363	ug/l	93
71) Bromoform	12.298	173	25606	21.353	ug/l #	95
73) Isopropylbenzene	12.422	105	219246	22.243	ug/l	98
74) N-amyl acetate	12.233	43	30214	20.860	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.674	83	42470	22.180	ug/l	100
76) 1,2,3-Trichloropropane	12.727	75	29549m	24.126	ug/l	
77) Bromobenzene	12.704	156	53938	21.226	ug/l	92
78) n-propylbenzene	12.763	91	269683	22.320	ug/l	98
79) 2-Chlorotoluene	12.851	91	147316	21.497	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	181093	22.038	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	12237	21.655	ug/l #	73
82) 4-Chlorotoluene	12.951	91	155474	21.819	ug/l	93
83) tert-Butylbenzene	13.169	119	148770	21.472	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	182716	22.159	ug/l	96
85) sec-Butylbenzene	13.351	105	243093	22.743	ug/l	99
86) p-Isopropyltoluene	13.463	119	197406	22.184	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	109772	20.764	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	109617	20.988	ug/l	97
89) n-Butylbenzene	13.792	91	179004	21.838	ug/l	99
90) Hexachloroethane	14.057	117	39299	22.228	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	97588	21.549	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5293	20.621	ug/l	76
93) 1,2,4-Trichlorobenzene	15.104	180	51296	19.470	ug/l	98
94) Hexachlorobutadiene	15.210	225	25740	20.441	ug/l	97
95) Naphthalene	15.339	128	97199	19.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	45996	19.835	ug/l	100

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

