

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074239.D
 Acq On : 26 Aug 2022 16:00
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

Quant Time: Aug 26 16:27:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	139197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	218180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	211893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	114745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	69609	48.938	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.880%		
35) Dibromofluoromethane	7.908	113	77839	53.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.680%		
50) Toluene-d8	10.332	98	231385	49.264	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.614	95	100739	54.291	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	23719	20.306	ug/l	97
3) Chloromethane	2.203	50	12690	15.248	ug/l	98
4) Vinyl Chloride	2.344	62	14030	16.059	ug/l	96
5) Bromomethane	2.750	94	7960	14.108	ug/l	99
6) Chloroethane	2.909	64	10496	18.512	ug/l	89
7) Trichlorofluoromethane	3.262	101	35918	14.151	ug/l	88
8) Diethyl Ether	3.703	74	13084	19.183	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.073	101	31465	20.489	ug/l	91
10) Methyl Iodide	4.285	142	24920	14.237	ug/l	95
11) Tert butyl alcohol	5.244	59	11858	133.875	ug/l #	86
12) 1,1-Dichloroethene	4.050	96	24605	17.915	ug/l	82
13) Acrolein	3.920	56	4851	122.734	ug/l	89
14) Allyl chloride	4.703	41	37884	17.619	ug/l	94
15) Acrylonitrile	5.414	53	34772	109.646	ug/l #	86
16) Acetone	4.156	43	27564	101.716	ug/l	93
17) Carbon Disulfide	4.391	76	54728	13.869	ug/l	95
18) Methyl Acetate	4.714	43	17342	20.875	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	67404	20.493	ug/l	98
20) Methylene Chloride	4.956	84	45516	23.187	ug/l #	84
21) trans-1,2-Dichloroethene	5.461	96	28696	17.868	ug/l	91
22) Diisopropyl ether	6.356	45	91558	20.763	ug/l #	94
23) Vinyl Acetate	6.297	43	187009	82.242	ug/l	95
24) 1,1-Dichloroethane	6.256	63	59296	20.396	ug/l	96
25) 2-Butanone	7.208	43	44385	105.801	ug/l	99
26) 2,2-Dichloropropane	7.197	77	54553	20.826	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	35828	19.852	ug/l	92
28) Bromochloromethane	7.532	49	17702	20.144	ug/l #	73
29) Tetrahydrofuran	7.561	42	25793	101.878	ug/l	90
30) Chloroform	7.703	83	65737	21.446	ug/l	90
31) Cyclohexane	7.973	56	41424	16.362	ug/l #	81
32) 1,1,1-Trichloroethane	7.897	97	58283	20.519	ug/l	96
36) 1,1-Dichloropropene	8.108	75	43051	19.518	ug/l	96
37) Ethyl Acetate	7.291	43	19716	22.671	ug/l #	92
38) Carbon Tetrachloride	8.085	117	48046	20.277	ug/l	98
39) Methylcyclohexane	9.349	83	41944	16.601	ug/l	98
40) Benzene	8.338	78	123361	19.841	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11222	21.466	ug/l	93
42) 1,2-Dichloroethane	8.414	62	38491	21.002	ug/l	96
43) Isopropyl Acetate	8.444	43	37641	21.517	ug/l #	92
44) Trichloroethene	9.102	130	34834	19.325	ug/l	93
45) 1,2-Dichloropropane	9.379	63	32046	20.648	ug/l	97
46) Dibromomethane	9.467	93	18629	21.515	ug/l	93
47) Bromodichloromethane	9.655	83	49788	22.107	ug/l	95
48) Methyl methacrylate	9.449	41	16052	19.848	ug/l #	84
49) 1,4-Dioxane	9.461	88	4593	467.472	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	96372	110.269	ug/l	95
52) Toluene	10.396	92	82173	20.105	ug/l	92
53) t-1,3-Dichloropropene	10.608	75	42233	20.679	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	49704	20.526	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	25672	21.678	ug/l	98
56) Ethyl methacrylate	10.649	69	27743	20.507	ug/l	87
57) 1,3-Dichloropropane	10.938	76	41920	21.183	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	45335	110.707	ug/l	91
59) 2-Hexanone	10.973	43	65092	110.463	ug/l	94
60) Dibromochloromethane	11.126	129	34907	22.697	ug/l	100
61) 1,2-Dibromoethane	11.232	107	25678	22.229	ug/l	100
64) Tetrachloroethene	10.867	164	30967	20.027	ug/l	96
65) Chlorobenzene	11.655	112	92230	19.972	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	37564	21.636	ug/l	97
67) Ethyl Benzene	11.732	91	152904	19.346	ug/l	98
68) m/p-Xylenes	11.843	106	123174	39.129	ug/l	97
69) o-Xylene	12.167	106	56777	19.547	ug/l	95
70) Styrene	12.179	104	100940	20.269	ug/l	96
71) Bromoform	12.349	173	21511	22.782	ug/l #	99
73) Isopropylbenzene	12.467	105	152063	18.302	ug/l	98
74) N-amyl acetate	12.273	43	35074	19.407	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	32108	21.638	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	25003m	22.316	ug/l	
77) Bromobenzene	12.743	156	37312	18.955	ug/l	89
78) n-propylbenzene	12.802	91	195194	19.210	ug/l	97
79) 2-Chlorotoluene	12.890	91	111326	18.974	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	137999	19.334	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.514	75	8316	19.088	ug/l	87
82) 4-Chlorotoluene	12.990	91	120546	19.421	ug/l	97
83) tert-Butylbenzene	13.208	119	115368	19.188	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	138381	19.921	ug/l	97
85) sec-Butylbenzene	13.385	105	175481	19.308	ug/l	96
86) p-Isopropyltoluene	13.496	119	149063	19.878	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	83261	20.911	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	80269	20.009	ug/l	99
89) n-Butylbenzene	13.826	91	135149	19.015	ug/l	96
90) Hexachloroethane	14.090	117	31056	20.414	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	70815	20.454	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.479	75	5715	23.526	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	42475	20.102	ug/l	96
94) Hexachlorobutadiene	15.243	225	25425	21.442	ug/l	97
95) Naphthalene	15.373	128	73867	19.510	ug/l	97
96) 1,2,3-Trichlorobenzene	15.567	180	36582	19.852	ug/l	98

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

