

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073641.D
 Acq On : 21 Jun 2022 12:29
 Operator : VA/SY
 Sample : VD0621SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 22 06:00:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	241817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	393898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	377362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	192560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143593	51.608	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.220%			
35) Dibromofluoromethane	7.908	113	144076	50.420	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.840%			
50) Toluene-d8	10.332	98	518962	50.741	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.620	95	190350	50.750	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	51385	22.829	ug/l	95
3) Chloromethane	2.209	50	48373	22.891	ug/l	94
4) Vinyl Chloride	2.350	62	45543	22.859	ug/l	98
5) Bromomethane	2.756	94	33719	22.756	ug/l	95
6) Chloroethane	2.909	64	28973	22.471	ug/l	91
7) Trichlorofluoromethane	3.267	101	99690	21.599	ug/l	94
8) Diethyl Ether	3.709	74	24742	20.549	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	55583	20.848	ug/l	98
10) Methyl Iodide	4.303	142	55427	21.461	ug/l	99
11) Tert butyl alcohol	5.185	59	64610	349.399	ug/l #	76
12) 1,1-Dichloroethene	4.062	96	48021	20.605	ug/l	90
13) Acrolein	3.920	56	5722	72.289	ug/l	90
14) Allyl chloride	4.714	41	70151	20.919	ug/l	100
15) Acrylonitrile	5.414	53	60720	111.159	ug/l	98
16) Acetone	4.150	43	47237	106.790	ug/l	90
17) Carbon Disulfide	4.403	76	141641	21.083	ug/l	99
18) Methyl Acetate	4.709	43	29815	23.065	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	118020	21.403	ug/l	99
20) Methylene Chloride	4.961	84	91957	29.463	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	59750	21.563	ug/l	93
22) Diisopropyl ether	6.361	45	160098	21.278	ug/l	96
23) Vinyl Acetate	6.303	43	420859	106.968	ug/l	98
24) 1,1-Dichloroethane	6.256	63	101933	20.233	ug/l	97
25) 2-Butanone	7.208	43	68384	106.201	ug/l	93
26) 2,2-Dichloropropane	7.203	77	96003	20.741	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	64347	20.130	ug/l	96
28) Bromochloromethane	7.544	49	36791	19.497	ug/l	98
29) Tetrahydrofuran	7.561	42	42515	106.462	ug/l	99
30) Chloroform	7.703	83	115743	20.293	ug/l	100
31) Cyclohexane	7.973	56	85583	20.217	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	103012	20.297	ug/l	98
36) 1,1-Dichloropropene	8.108	75	82929	20.719	ug/l	98
37) Ethyl Acetate	7.285	43	34901	22.663	ug/l #	96
38) Carbon Tetrachloride	8.091	117	95047	20.908	ug/l	98
39) Methylcyclohexane	9.349	83	90377	20.378	ug/l	95
40) Benzene	8.344	78	237688	20.530	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21200	24.869	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	71516	20.678	ug/l	99
43) Isopropyl Acetate	8.444	43	60648	20.919	ug/l	99
44) Trichloroethene	9.108	130	65844	19.967	ug/l	90
45) 1,2-Dichloropropane	9.379	63	60078	20.649	ug/l	89
46) Dibromomethane	9.467	93	34764	21.041	ug/l	95
47) Bromodichloromethane	9.655	83	87531	20.358	ug/l	97
48) Methyl methacrylate	9.449	41	27507	18.744	ug/l	84
49) 1,4-Dioxane	9.455	88	7290	398.170	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	159272	107.005	ug/l	100
52) Toluene	10.396	92	156446	20.674	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	81000	20.572	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	91848	19.951	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	47281	20.265	ug/l	96
56) Ethyl methacrylate	10.649	69	50530	19.626	ug/l	99
57) 1,3-Dichloropropane	10.938	76	77684	20.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	99130	95.741	ug/l	97
59) 2-Hexanone	10.973	43	108266	105.476	ug/l	98
60) Dibromochloromethane	11.132	129	63074	20.738	ug/l	98
61) 1,2-Dibromoethane	11.232	107	45473	20.345	ug/l	99
64) Tetrachloroethene	10.867	164	58804	21.051	ug/l	97
65) Chlorobenzene	11.661	112	168011	19.939	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	65877	20.173	ug/l	98
67) Ethyl Benzene	11.738	91	288579	20.144	ug/l	98
68) m/p-Xylenes	11.843	106	233779	41.438	ug/l	98
69) o-Xylene	12.173	106	100899	19.188	ug/l	95
70) Styrene	12.185	104	182144	20.199	ug/l	98
71) Bromoform	12.349	173	36595	20.581	ug/l #	97
73) Isopropylbenzene	12.467	105	281514	20.261	ug/l	98
74) N-amyl acetate	12.279	43	58579	20.860	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	54503	20.860	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	40153m	21.545	ug/l	
77) Bromobenzene	12.749	156	70273	20.784	ug/l	98
78) n-propylbenzene	12.808	91	359219	21.108	ug/l	99
79) 2-Chlorotoluene	12.896	91	206962	20.734	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	251365	21.183	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	17215	21.317	ug/l	95
82) 4-Chlorotoluene	12.990	91	219033	20.559	ug/l	100
83) tert-Butylbenzene	13.214	119	207080	20.160	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	240826	20.574	ug/l	99
85) sec-Butylbenzene	13.390	105	316161	20.699	ug/l	99
86) p-Isopropyltoluene	13.502	119	262168	20.780	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	143466	20.567	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	140745	20.358	ug/l	99
89) n-Butylbenzene	13.826	91	242046	20.404	ug/l	98
90) Hexachloroethane	14.096	117	53374	19.808	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	122565	20.367	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	8613	21.109	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	72363	20.641	ug/l	98
94) Hexachlorobutadiene	15.249	225	41450	20.863	ug/l	98
95) Naphthalene	15.384	128	122883	19.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	61577	20.192	ug/l	97

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

