

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073640.D
 Acq On : 21 Jun 2022 12:01
 Operator : VA/SY
 Sample : VD0621SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS01

Quant Time: Jun 22 06:00:03 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	236466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	388659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	373142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	195454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137489	50.533	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.060%			
35) Dibromofluoromethane	7.909	113	137082	48.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.240%			
50) Toluene-d8	10.332	98	501042	49.650	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.620	95	188116	50.831	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	52919	24.241	ug/l	89
3) Chloromethane	2.209	50	46461	22.484	ug/l	92
4) Vinyl Chloride	2.344	62	45187	23.194	ug/l	93
5) Bromomethane	2.750	94	31637	21.718	ug/l	89
6) Chloroethane	2.915	64	29057	23.047	ug/l	89
7) Trichlorofluoromethane	3.262	101	100102	22.179	ug/l	92
8) Diethyl Ether	3.703	74	24718	20.993	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	56677	21.739	ug/l	97
10) Methyl Iodide	4.297	142	51061	20.218	ug/l	97
11) Tert butyl alcohol	5.191	59	55676	296.814	ug/l #	84
12) 1,1-Dichloroethene	4.062	96	49126	21.556	ug/l	95
13) Acrolein	3.921	56	5322	69.786	ug/l	99
14) Allyl chloride	4.715	41	69427	21.172	ug/l	99
15) Acrylonitrile	5.420	53	55791	104.447	ug/l	97
16) Acetone	4.156	43	45991	106.326	ug/l	98
17) Carbon Disulfide	4.409	76	142479	21.687	ug/l	100
18) Methyl Acetate	4.709	43	28003	22.035	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	113465	21.043	ug/l	99
20) Methylene Chloride	4.962	84	91733	30.177	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	58524	21.599	ug/l	96
22) Diisopropyl ether	6.362	45	160658	21.836	ug/l	95
23) Vinyl Acetate	6.303	43	402688	104.666	ug/l	98
24) 1,1-Dichloroethane	6.262	63	104659	21.244	ug/l	99
25) 2-Butanone	7.209	43	67285	106.859	ug/l	97
26) 2,2-Dichloropropane	7.203	77	96779	21.382	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	66413	21.247	ug/l	99
28) Bromochloromethane	7.538	49	34746	18.830	ug/l	98
29) Tetrahydrofuran	7.561	42	41420	106.067	ug/l	97
30) Chloroform	7.697	83	117064	20.989	ug/l	92
31) Cyclohexane	7.979	56	87263	21.080	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	107533	21.667	ug/l	97
36) 1,1-Dichloropropene	8.103	75	82280	20.834	ug/l	99
37) Ethyl Acetate	7.285	43	31076	20.451	ug/l #	95
38) Carbon Tetrachloride	8.091	117	94309	21.026	ug/l	98
39) Methylcyclohexane	9.350	83	89013	20.341	ug/l	93
40) Benzene	8.344	78	238191	20.850	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	12383	14.722	ug/l #	74
42) 1,2-Dichloroethane	8.414	62	71541	20.964	ug/l	98
43) Isopropyl Acetate	8.450	43	60271	21.069	ug/l	99
44) Trichloroethene	9.108	130	68482	21.047	ug/l	94
45) 1,2-Dichloropropane	9.379	63	59089	20.583	ug/l	96
46) Dibromomethane	9.467	93	34225	20.994	ug/l	95
47) Bromodichloromethane	9.656	83	87778	20.691	ug/l	90
48) Methyl methacrylate	9.450	41	28659	19.792	ug/l	94
49) 1,4-Dioxane	9.450	88	7082	392.024	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	151550	103.190	ug/l	99
52) Toluene	10.397	92	156727	20.990	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	77960	20.067	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	93583	20.602	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	48288	20.976	ug/l	96
56) Ethyl methacrylate	10.650	69	50660	19.942	ug/l	98
57) 1,3-Dichloropropane	10.938	76	76556	20.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	98259	96.179	ug/l	100
59) 2-Hexanone	10.973	43	102441	101.147	ug/l	98
60) Dibromochloromethane	11.132	129	62289	20.756	ug/l	98
61) 1,2-Dibromoethane	11.232	107	45222	20.505	ug/l	94
64) Tetrachloroethene	10.867	164	56153	20.329	ug/l	92
65) Chlorobenzene	11.661	112	171606	20.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	66569	20.616	ug/l	99
67) Ethyl Benzene	11.738	91	293557	20.723	ug/l	98
68) m/p-Xylenes	11.844	106	236614	42.415	ug/l	100
69) o-Xylene	12.173	106	106657	20.513	ug/l	98
70) Styrene	12.185	104	186448	20.910	ug/l	98
71) Bromoform	12.349	173	35560	20.225	ug/l #	96
73) Isopropylbenzene	12.467	105	285154	20.220	ug/l	99
74) N-amyl acetate	12.279	43	56172	19.707	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	52974	19.975	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	39636m	20.953	ug/l	
77) Bromobenzene	12.749	156	68471	19.951	ug/l	97
78) n-propylbenzene	12.808	91	364633	21.109	ug/l	100
79) 2-Chlorotoluene	12.897	91	208052	20.534	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	251310	20.865	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	16739	20.421	ug/l	98
82) 4-Chlorotoluene	12.991	91	224546	20.764	ug/l	99
83) tert-Butylbenzene	13.214	119	216132	20.730	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	250776	21.107	ug/l	100
85) sec-Butylbenzene	13.391	105	317374	20.471	ug/l	100
86) p-Isopropyltoluene	13.502	119	264329	20.641	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	146012	20.622	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	144007	20.521	ug/l	99
89) n-Butylbenzene	13.826	91	245409	20.382	ug/l	98
90) Hexachloroethane	14.096	117	53167	19.439	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	125689	20.576	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	8111	19.584	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	70602	19.841	ug/l	100
94) Hexachlorobutadiene	15.249	225	42785	21.217	ug/l	97
95) Naphthalene	15.385	128	121037	19.300	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	62126	20.070	ug/l	99

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

