

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073523.D
 Acq On : 10 Jun 2022 12:41
 Operator : VA/SY
 Sample : VD0610SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0610SBS01

Quant Time: Jun 10 23:05:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/11/2022
 Supervised By : Mahesh Dadoda 06/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	335576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	566202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	545996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272159	50.000	ug/l	0.00

06/11/2022
 Supervised By : Mahesh
 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184933	51.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.700%	
35) Dibromofluoromethane	7.908	113	191741	52.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.320%	
50) Toluene-d8	10.332	98	726337	52.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.620	95	262018	52.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.860%	

06/13/2022

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	70361	21.986	ug/l	95
3) Chloromethane	2.209	50	70260	21.408	ug/l	95
4) Vinyl Chloride	2.344	62	67172	21.829	ug/l	99
5) Bromomethane	2.744	94	50430	22.860	ug/l	92
6) Chloroethane	2.908	64	41109	20.964	ug/l	97
7) Trichlorofluoromethane	3.261	101	124043	20.571	ug/l	96
8) Diethyl Ether	3.708	74	35280	20.444	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.091	101	71719	20.797	ug/l	95
10) Methyl Iodide	4.297	142	70884	19.859	ug/l	98
11) Tert butyl alcohol	5.185	59	69201	44.570	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	66397	20.278	ug/l	92
13) Acrolein	3.914	56	14259	89.901	ug/l	94
14) Allyl chloride	4.708	41	101682	20.860	ug/l #	91
15) Acrylonitrile	5.414	53	79329	102.371	ug/l	95
16) Acetone	4.155	43	63061	99.453	ug/l #	84
17) Carbon Disulfide	4.403	76	221691	21.360	ug/l	98
18) Methyl Acetate	4.703	43	35402	20.632	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	156322	20.004	ug/l	100
20) Methylene Chloride	4.961	84	88933	20.453	ug/l #	81
21) trans-1,2-Dichloroethene	5.467	96	79900	20.172	ug/l	88
22) Diisopropyl ether	6.361	45	226913	21.572	ug/l #	92
23) Vinyl Acetate	6.302	43	585219	102.553	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	139230	20.649	ug/l	99
25) 2-Butanone	7.208	43	94058	100.814	ug/l #	89
26) 2,2-Dichloropropane	7.197	77	122404	20.248	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	88753	20.727	ug/l	90
28) Bromochloromethane	7.538	49	50727	19.168	ug/l #	78
29) Tetrahydrofuran	7.561	42	59256	99.561	ug/l	88
30) Chloroform	7.702	83	148523	20.617	ug/l	93
31) Cyclohexane	7.979	56	123619	20.378	ug/l	90
32) 1,1,1-Trichloroethane	7.896	97	130540	20.565	ug/l	95
36) 1,1-Dichloropropene	8.108	75	112931	20.652	ug/l	98
37) Ethyl Acetate	7.285	43	44355	20.080	ug/l #	92
38) Carbon Tetrachloride	8.091	117	115090	20.119	ug/l	98
39) Methylcyclohexane	9.349	83	134051	21.036	ug/l	96
40) Benzene	8.344	78	327089	20.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	21980	18.354	ug/l	#	79
42) 1,2-Dichloroethane	8.414	62	90182	20.506	ug/l		95
43) Isopropyl Acetate	8.444	43	82531	19.420	ug/l	#	90
44) Trichloroethene	9.108	130	86987	19.635	ug/l		92
45) 1,2-Dichloropropane	9.379	63	79971	20.295	ug/l		96
46) Dibromomethane	9.467	93	45057	20.298	ug/l		93
47) Bromodichloromethane	9.655	83	113963	20.489	ug/l		94
48) Methyl methacrylate	9.449	41	41296	19.616	ug/l	#	88
49) 1,4-Dioxane	9.455	88	10266	402.096	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.220	43	211762	98.474	ug/l		93
52) Toluene	10.396	92	212010	20.782	ug/l		98
53) t-1,3-Dichloropropene	10.608	75	106486	20.412	ug/l		98
54) cis-1,3-Dichloropropene	10.079	75	127517	20.871	ug/l	#	88
55) 1,1,2-Trichloroethane	10.790	97	63044	19.914	ug/l		99
56) Ethyl methacrylate	10.649	69	73879	20.368	ug/l	#	79
57) 1,3-Dichloropropane	10.932	76	105246	20.410	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.932	63	147125	98.654	ug/l		92
59) 2-Hexanone	10.973	43	143773	97.625	ug/l		92
60) Dibromochloromethane	11.132	129	79146	20.255	ug/l		99
61) 1,2-Dibromoethane	11.237	107	60814	20.160	ug/l		98
64) Tetrachloroethene	10.867	164	74024	19.914	ug/l		97
65) Chlorobenzene	11.661	112	228535	20.343	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	84466	19.817	ug/l		98
67) Ethyl Benzene	11.737	91	392344	19.985	ug/l		99
68) m/p-Xylenes	11.843	106	312656	40.583	ug/l		97
69) o-Xylene	12.167	106	144418	20.372	ug/l		95
70) Styrene	12.184	104	257744	21.079	ug/l		96
71) Bromoform	12.343	173	45388	19.474	ug/l	#	98
73) Isopropylbenzene	12.467	105	381690	20.233	ug/l		99
74) N-amyl acetate	12.273	43	78142	18.620	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.720	83	69713	19.467	ug/l		97
76) 1,2,3-Trichloropropane	12.773	75	49043m	18.549	ug/l		
77) Bromobenzene	12.749	156	93415	20.277	ug/l		89
78) n-propylbenzene	12.808	91	474181	20.194	ug/l		97
79) 2-Chlorotoluene	12.896	91	275690	20.199	ug/l		96
80) 1,3,5-Trimethylbenzene	12.949	105	331655	20.385	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	21576	19.154	ug/l		89
82) 4-Chlorotoluene	12.990	91	299870	20.840	ug/l		99
83) tert-Butylbenzene	13.208	119	282414	20.538	ug/l		93
84) 1,2,4-Trimethylbenzene	13.255	105	331225	20.397	ug/l		98
85) sec-Butylbenzene	13.390	105	418791	20.330	ug/l		98
86) p-Isopropyltoluene	13.502	119	345410	20.115	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	188399	20.027	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	190380	20.457	ug/l		98
89) n-Butylbenzene	13.826	91	315252	19.462	ug/l		99
90) Hexachloroethane	14.096	117	69676	19.594	ug/l		98
91) 1,2-Dichlorobenzene	13.873	146	164584	20.285	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10108	17.673	ug/l		79
93) 1,2,4-Trichlorobenzene	15.143	180	93477	19.239	ug/l		99
94) Hexachlorobutadiene	15.249	225	50262	18.859	ug/l		97
95) Naphthalene	15.384	128	161753	19.275	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	84671	19.957	ug/l		97

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

06/11/2022
 Supervised By :Mahesh
 Dadoda

06/13/2022

