

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073539.D
 Acq On : 13 Jun 2022 11:49
 Operator : VA/SY
 Sample : VD0613SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

Quant Time: Jun 13 15:42:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 15:42:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/14/2022
 Supervised By :Semsettin Yesilyurt 06/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	287012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	461460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	447112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	156072	50.672	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.340%			
35) Dibromofluoromethane	7.909	113	154237	51.978	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.960%			
50) Toluene-d8	10.332	98	587498	52.365	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.620	95	210490	51.681	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	59871	21.874	ug/l	94
3) Chloromethane	2.209	50	55679	19.836	ug/l	95
4) Vinyl Chloride	2.344	62	53855	20.462	ug/l	94
5) Bromomethane	2.750	94	41245	21.860	ug/l	97
6) Chloroethane	2.903	64	34337	20.473	ug/l	97
7) Trichlorofluoromethane	3.268	101	112702	21.853	ug/l	95
8) Diethyl Ether	3.709	74	27320	18.511	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	61295	20.781	ug/l	95
10) Methyl Iodide	4.297	142	57547	19.063	ug/l	97
11) Tert butyl alcohol	5.191	59	40186	Below Cal	#	83
12) 1,1-Dichloroethene	4.068	96	56116	20.038	ug/l	87
13) Acrolein	3.926	56	10993	81.037	ug/l	95
14) Allyl chloride	4.709	41	79784	19.137	ug/l	# 92
15) Acrylonitrile	5.409	53	63388	95.641	ug/l	98
16) Acetone	4.156	43	53572	98.783	ug/l	# 85
17) Carbon Disulfide	4.403	76	178363	20.093	ug/l	98
18) Methyl Acetate	4.715	43	29712	20.272	ug/l	# 88
19) Methyl tert-butyl Ether	5.468	73	128107	19.167	ug/l	96
20) Methylene Chloride	4.962	84	83964	22.941	ug/l	# 80
21) trans-1,2-Dichloroethene	5.468	96	67163	19.825	ug/l	84
22) Diisopropyl ether	6.362	45	175807	19.541	ug/l	# 93
23) Vinyl Acetate	6.297	43	464939	95.262	ug/l	# 91
24) 1,1-Dichloroethane	6.256	63	115655	20.055	ug/l	97
25) 2-Butanone	7.209	43	76565	95.950	ug/l	93
26) 2,2-Dichloropropane	7.197	77	103544	20.026	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	72925	19.913	ug/l	90
28) Bromochloromethane	7.538	49	39699	17.539	ug/l	# 69
29) Tetrahydrofuran	7.556	42	46794	91.926	ug/l	# 86
30) Chloroform	7.703	83	126274	20.494	ug/l	98
31) Cyclohexane	7.979	56	100515	19.373	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	115674	21.307	ug/l	95
36) 1,1-Dichloropropene	8.103	75	93620	21.006	ug/l	95
37) Ethyl Acetate	7.285	43	36075	20.039	ug/l	# 94
38) Carbon Tetrachloride	8.091	117	104905	22.501	ug/l	97
39) Methylcyclohexane	9.350	83	101124	19.471	ug/l	91
40) Benzene	8.344	78	271949	20.977	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	18035	18.478	ug/l #	77
42) 1,2-Dichloroethane	8.414	62	78028	21.770	ug/l	94
43) Isopropyl Acetate	8.444	43	64601	18.651	ug/l #	89
44) Trichloroethene	9.103	130	76342	21.143	ug/l	88
45) 1,2-Dichloropropane	9.373	63	66824	20.808	ug/l	99
46) Dibromomethane	9.467	93	38033	21.023	ug/l	94
47) Bromodichloromethane	9.650	83	95839	21.141	ug/l	95
48) Methyl methacrylate	9.444	41	29148	16.989	ug/l #	73
49) 1,4-Dioxane	9.456	88	8744	420.220	ug/l #	93
51) 4-Methyl-2-Pentanone	10.214	43	174528	99.581	ug/l	94
52) Toluene	10.391	92	180322	21.687	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	89906	21.146	ug/l	92
54) cis-1,3-Dichloropropene	10.079	75	104168	20.920	ug/l #	88
55) 1,1,2-Trichloroethane	10.785	97	52819	20.471	ug/l	97
56) Ethyl methacrylate	10.650	69	57543	19.465	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	86934	20.685	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	117200	96.425	ug/l	93
59) 2-Hexanone	10.973	43	117562	97.946	ug/l	92
60) Dibromochloromethane	11.126	129	68337	21.459	ug/l	98
61) 1,2-Dibromoethane	11.238	107	50283	20.453	ug/l	98
64) Tetrachloroethene	10.867	164	62502	20.533	ug/l	93
65) Chlorobenzene	11.661	112	189149	20.561	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	72255	20.701	ug/l	98
67) Ethyl Benzene	11.732	91	327669	20.382	ug/l	100
68) m/p-Xylenes	11.844	106	259421	41.121	ug/l	98
69) o-Xylene	12.167	106	118166	20.356	ug/l	95
70) Styrene	12.185	104	213287	21.301	ug/l	96
71) Bromoform	12.350	173	40525	21.233	ug/l #	98
73) Isopropylbenzene	12.467	105	315791	19.309	ug/l	99
74) N-amyl acetate	12.273	43	65354	17.963	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.714	83	59932	19.303	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	42444m	18.517	ug/l	
77) Bromobenzene	12.750	156	77405	19.379	ug/l	88
78) n-propylbenzene	12.808	91	403704	19.831	ug/l	99
79) 2-Chlorotoluene	12.897	91	233773	19.755	ug/l	97
80) 1,3,5-Trimethylbenzene	12.950	105	284940	20.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	19844	20.320	ug/l #	82
82) 4-Chlorotoluene	12.991	91	253222	20.298	ug/l	99
83) tert-Butylbenzene	13.208	119	221238	18.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	280015	19.890	ug/l	98
85) sec-Butylbenzene	13.385	105	354319	19.840	ug/l	99
86) p-Isopropyltoluene	13.502	119	293018	19.682	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	160305	19.655	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	163305	20.240	ug/l	99
89) n-Butylbenzene	13.826	91	265159	18.881	ug/l	98
90) Hexachloroethane	14.097	117	59908	19.432	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	140604	19.988	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	9901	19.967	ug/l	91
93) 1,2,4-Trichlorobenzene	15.144	180	76663	18.199	ug/l	98
94) Hexachlorobutadiene	15.243	225	45687	19.772	ug/l	97
95) Naphthalene	15.385	128	138435	19.081	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	69785	18.972	ug/l	98

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

