

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073562.D
 Acq On : 14 Jun 2022 11:40
 Operator : VA/SY
 Sample : VD0614SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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 Dadoda
 06/15/2022

Quant Time: Jun 14 15:43:41 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	277936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	456108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	443575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	156183	52.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.720%			
35) Dibromofluoromethane	7.909	113	158421	54.014	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.020%			
50) Toluene-d8	10.332	98	580594	52.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.720%			
62) 4-Bromofluorobenzene	12.620	95	214062	53.174	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	57097	21.542	ug/l	98
3) Chloromethane	2.209	50	54623	20.095	ug/l	97
4) Vinyl Chloride	2.344	62	53213	20.879	ug/l	99
5) Bromomethane	2.750	94	41178	22.538	ug/l	99
6) Chloroethane	2.915	64	34298	21.118	ug/l	99
7) Trichlorofluoromethane	3.268	101	110663	22.159	ug/l	100
8) Diethyl Ether	3.715	74	25629	17.932	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	60803	21.288	ug/l	96
10) Methyl Iodide	4.291	142	58462	19.794	ug/l	99
11) Tert butyl alcohol	5.191	59	38521	Below Cal	#	83
12) 1,1-Dichloroethene	4.062	96	54685	20.164	ug/l	89
13) Acrolein	3.932	56	10949	83.348	ug/l	94
14) Allyl chloride	4.709	41	75468	18.693	ug/l	# 93
15) Acrylonitrile	5.420	53	60007	93.496	ug/l	99
16) Acetone	4.156	43	48298	91.967	ug/l	94
17) Carbon Disulfide	4.403	76	170309	19.812	ug/l	97
18) Methyl Acetate	4.715	43	29418	20.696	ug/l	# 83
19) Methyl tert-butyl Ether	5.473	73	128573	19.865	ug/l	98
20) Methylene Chloride	4.962	84	75018	20.895	ug/l	# 83
21) trans-1,2-Dichloroethene	5.467	96	66096	20.147	ug/l	89
22) Diisopropyl ether	6.362	45	171878	19.729	ug/l	# 94
23) Vinyl Acetate	6.303	43	449488	95.103	ug/l	# 91
24) 1,1-Dichloroethane	6.262	63	113913	20.398	ug/l	95
25) 2-Butanone	7.203	43	72420	93.719	ug/l	97
26) 2,2-Dichloropropane	7.197	77	102324	20.437	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	69875	19.703	ug/l	90
28) Bromochloromethane	7.538	49	37844	17.266	ug/l	# 70
29) Tetrahydrofuran	7.561	42	44997	91.282	ug/l	# 87
30) Chloroform	7.708	83	126452	21.194	ug/l	95
31) Cyclohexane	7.973	56	98885	19.681	ug/l	# 89
32) 1,1,1-Trichloroethane	7.897	97	110843	21.084	ug/l	96
36) 1,1-Dichloropropene	8.108	75	90452	20.534	ug/l	96
37) Ethyl Acetate	7.285	43	31782	17.861	ug/l	# 90
38) Carbon Tetrachloride	8.091	117	104437	22.663	ug/l	91
39) Methylcyclohexane	9.350	83	99629	19.408	ug/l	94
40) Benzene	8.344	78	264556	20.647	ug/l	98

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 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

Supervised By : Mahesh
 Dadoda
 06/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	19155	19.856	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	78320	22.108	ug/l	98
43) Isopropyl Acetate	8.444	43	64667	18.889	ug/l #	89
44) Trichloroethene	9.108	130	72585	20.339	ug/l	89
45) 1,2-Dichloropropane	9.379	63	63499	20.004	ug/l	99
46) Dibromomethane	9.467	93	38027	21.266	ug/l	93
47) Bromodichloromethane	9.655	83	95954	21.415	ug/l #	99
48) Methyl methacrylate	9.450	41	28070	16.552	ug/l #	73
49) 1,4-Dioxane	9.455	88	8087	393.206	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	171281	98.875	ug/l	93
52) Toluene	10.397	92	172911	21.040	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	85915	20.444	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	102075	20.740	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	52819	20.711	ug/l	92
56) Ethyl methacrylate	10.655	69	57474	19.670	ug/l #	80
57) 1,3-Dichloropropane	10.938	76	85397	20.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	109342	91.016	ug/l	92
59) 2-Hexanone	10.973	43	113594	95.750	ug/l	93
60) Dibromochloromethane	11.132	129	69486	22.076	ug/l	96
61) 1,2-Dibromoethane	11.238	107	49964	20.562	ug/l	96
64) Tetrachloroethene	10.867	164	62194	20.595	ug/l	98
65) Chlorobenzene	11.661	112	187503	20.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	73107	21.112	ug/l	98
67) Ethyl Benzene	11.738	91	315521	19.783	ug/l	97
68) m/p-Xylenes	11.844	106	263000	42.020	ug/l	97
69) o-Xylene	12.173	106	115147	19.994	ug/l	96
70) Styrene	12.185	104	207291	20.867	ug/l	97
71) Bromoform	12.349	173	40004	21.127	ug/l #	100
73) Isopropylbenzene	12.467	105	313847	19.242	ug/l	99
74) N-amyl acetate	12.279	43	64737	17.842	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	58606	18.928	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	42984m	18.803	ug/l	
77) Bromobenzene	12.749	156	77817	19.536	ug/l	88
78) n-propylbenzene	12.808	91	397505	19.580	ug/l	98
79) 2-Chlorotoluene	12.896	91	228632	19.374	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	279761	19.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	17864	18.342	ug/l	84
82) 4-Chlorotoluene	12.991	91	248451	19.970	ug/l	99
83) tert-Butylbenzene	13.208	119	232602	19.564	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	273565	19.485	ug/l	96
85) sec-Butylbenzene	13.391	105	351355	19.728	ug/l	97
86) p-Isopropyltoluene	13.502	119	292634	19.710	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	165581	20.358	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	162448	20.189	ug/l	99
89) n-Butylbenzene	13.826	91	269515	19.244	ug/l	99
90) Hexachloroethane	14.096	117	62762	20.413	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	141430	20.160	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9199	18.602	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	79378	18.895	ug/l	99
94) Hexachlorobutadiene	15.249	225	46293	20.089	ug/l	98
95) Naphthalene	15.385	128	132079	18.437	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	68978	18.804	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

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Dadoda
06/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

