

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065771.D
 Acq On : 05 Jun 2020 12:18
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 4:12:46 PM

Quant Time: Jun 05 12:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 12:42:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	238131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	369464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	349180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	241880	101.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.94%	
35) Dibromofluoromethane	7.91	113	240725	102.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.58%	
50) Toluene-d8	10.34	98	935862	109.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.64%	
62) 4-Bromofluorobenzene	12.64	95	321294	111.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	150715	77.64	ug/l	98
3) Chloromethane	2.21	50	259113	78.57	ug/l	100
4) Vinyl Chloride	2.35	62	309575	82.22	ug/l	100
5) Bromomethane	2.76	94	216713	82.25	ug/l	93
6) Chloroethane	2.91	64	211563	83.35	ug/l	97
7) Trichlorofluoromethane	3.27	101	349085	82.48	ug/l	99
8) Diethyl Ether	3.71	74	101950	95.13	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	210020	83.55	ug/l	100
10) Methyl Iodide	4.30	142	249037	113.58	ug/l	100
11) Tert butyl alcohol	5.22	59	63501	328.77	ug/l	98
12) 1,1-Dichloroethene	4.07	96	198635	88.07	ug/l	95
13) Acrolein	3.93	56	59651	420.75	ug/l	94
14) Allyl chloride	4.71	41	348202	95.16	ug/l	99
15) Acrylonitrile	5.42	53	234573	483.29	ug/l	99
16) Acetone	4.16	43	220820	489.06	ug/l	99
17) Carbon Disulfide	4.41	76	661394	86.95	ug/l	99
18) Methyl Acetate	4.71	43	98237	79.07	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	488586	98.42	ug/l	98
20) Methylene Chloride	4.96	84	230020	77.79	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	239170	91.68	ug/l	98
22) Diisopropyl ether	6.36	45	712696	96.91	ug/l	95
23) Vinyl Acetate	6.30	43	2146416	532.85	ug/l	98
24) 1,1-Dichloroethane	6.27	63	417778	91.73	ug/l	99
25) 2-Butanone	7.21	43	309162	497.41	ug/l	96
26) 2,2-Dichloropropane	7.21	77	369582	91.33	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	265958	95.72	ug/l	100
28) Bromochloromethane	7.55	49	173509	101.01	ug/l	96
29) Tetrahydrofuran	7.56	42	195531	499.79	ug/l	98
30) Chloroform	7.71	83	437499	92.93	ug/l	100
31) Cyclohexane	7.98	56	373913	83.44	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	397246	91.55	ug/l	98
36) 1,1-Dichloropropene	8.11	75	335483	92.36	ug/l	99
37) Ethyl Acetate	7.29	43	138927	98.35	ug/l	99
38) Carbon Tetrachloride	8.10	117	352041	92.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	407321	96.58	ug/l	99
40) Benzene	8.36	78	945192	96.29	ug/l	98
41) Methacrylonitrile	7.53	41	68081	77.29	ug/l #	69
42) 1,2-Dichloroethane	8.43	62	280824	93.46	ug/l	100
43) Isopropyl Acetate	8.46	43	279897	100.98	ug/l	98
44) Trichloroethene	9.11	130	261293	95.85	ug/l	99
45) 1,2-Dichloropropane	9.39	63	234645	94.56	ug/l	98
46) Dibromomethane	9.48	93	128810	96.26	ug/l	98
47) Bromodichloromethane	9.67	83	341470	94.76	ug/l	98
48) Methyl methacrylate	9.46	41	127928	94.30	ug/l	91
49) 1,4-Dioxane	9.47	88	28772	2045.83	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	703411	520.58	ug/l	98
52) Toluene	10.41	92	629357	100.09	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	326883	102.95	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	385087	102.36	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	175483	98.73	ug/l	97
56) Ethyl methacrylate	10.66	69	219716	109.07	ug/l	96
57) 1,3-Dichloropropane	10.95	76	305601	99.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	515966	546.42	ug/l	100
59) 2-Hexanone	10.99	43	485220	538.79	ug/l	98
60) Dibromochloromethane	11.14	129	239722	100.25	ug/l	98
61) 1,2-Dibromoethane	11.25	107	176127	101.74	ug/l	99
64) Tetrachloroethene	10.88	164	220510	91.22	ug/l	96
65) Chlorobenzene	11.67	112	660002	95.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	250567	97.91	ug/l	100
67) Ethyl Benzene	11.75	91	1197095	98.00	ug/l	97
68) m/p-Xylenes	11.86	106	926444	197.01	ug/l	99
69) o-Xylene	12.18	106	430307	103.11	ug/l	99
70) Styrene	12.20	104	754424	104.64	ug/l	99
71) Bromoform	12.37	173	140872	100.75	ug/l #	98
73) Isopropylbenzene	12.48	105	1162041	96.69	ug/l	100
74) N-amyl acetate	12.30	43	265339	99.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	189863	90.89	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	145259m	103.94	ug/l	
77) Bromobenzene	12.77	156	277632	97.43	ug/l	99
78) n-propylbenzene	12.83	91	1391464	95.41	ug/l	99
79) 2-Chlorotoluene	12.91	91	765904	95.67	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	976665	97.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	66206	104.53	ug/l	94
82) 4-Chlorotoluene	13.01	91	814473	94.18	ug/l	100
83) tert-Butylbenzene	13.23	119	847773	98.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	980693	98.03	ug/l	98
85) sec-Butylbenzene	13.41	105	1170490	96.57	ug/l	100
86) p-Isopropyltoluene	13.52	119	1088938	98.95	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	535154	94.09	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	527143	92.90	ug/l	99
89) n-Butylbenzene	13.85	91	1028541	97.21	ug/l	99
90) Hexachloroethane	14.12	117	212277	94.93	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	465176	95.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32926	95.28	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	332324	102.84	ug/l	99
94) Hexachlorobutadiene	15.28	225	189986	95.47	ug/l	100
95) Naphthalene	15.41	128	581085	107.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	285911	102.92	ug/l	99

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

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