

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065876.D
 Acq On : 26 Jun 2020 12:05
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 26 18:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	158831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	255225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	235218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	84290	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.91	113	81704	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.34	98	301270	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.64	95	102016	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	71103	47.387	ug/l	100
3) Chloromethane	2.21	50	104565	49.187	ug/l	100
4) Vinyl Chloride	2.35	62	117513	50.942	ug/l	100
5) Bromomethane	2.77	94	76285	50.636	ug/l	100
6) Chloroethane	2.93	64	73948	50.002	ug/l	100
7) Trichlorofluoromethane	3.27	101	150401	50.597	ug/l	100
8) Diethyl Ether	3.70	74	38897	51.375	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84121	50.569	ug/l	100
10) Methyl Iodide	4.30	142	88404	57.207	ug/l	100
11) Tert butyl alcohol	5.22	59	20706	226.991	ug/l	100
12) 1,1-Dichloroethene	4.07	96	78636	49.784	ug/l	100
13) Acrolein	3.93	56	28745	247.184	ug/l	100
14) Allyl chloride	4.71	41	122709	49.985	ug/l	100
15) Acrylonitrile	5.42	53	85772	260.243	ug/l	100
16) Acetone	4.16	43	87251	268.462	ug/l	100
17) Carbon Disulfide	4.41	76	263519	50.578	ug/l	100
18) Methyl Acetate	4.71	43	35035	50.557	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	177063	52.306	ug/l	100
20) Methylene Chloride	4.96	84	89377	45.388	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	89405	50.274	ug/l	100
22) Diisopropyl ether	6.37	45	267998	52.988	ug/l	100
23) Vinyl Acetate	6.31	43	788982	268.542	ug/l	100
24) 1,1-Dichloroethane	6.26	63	156659	51.086	ug/l	100
25) 2-Butanone	7.21	43	115917	268.509	ug/l	100
26) 2,2-Dichloropropane	7.21	77	142565	51.215	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	99726	52.160	ug/l	100
28) Bromochloromethane	7.54	49	56111	49.782	ug/l	100
29) Tetrahydrofuran	7.57	42	70385	263.182	ug/l	100
30) Chloroform	7.71	83	165415	51.099	ug/l	100
31) Cyclohexane	7.98	56	142403	48.767	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	153591	51.088	ug/l	100
36) 1,1-Dichloropropene	8.11	75	131612	52.244	ug/l	100
37) Ethyl Acetate	7.30	43	49335	51.389	ug/l #	100
38) Carbon Tetrachloride	8.10	117	140516	52.392	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	157581	53.600	ug/l	100
40) Benzene	8.35	78	351436	50.634	ug/l	100
41) Methacrylonitrile	7.53	41	25726m	43.143	ug/l	
42) 1,2-Dichloroethane	8.43	62	105656	52.068	ug/l	100
43) Isopropyl Acetate	8.46	43	99555	53.544	ug/l	100
44) Trichloroethene	9.11	130	98284	53.195	ug/l	100
45) 1,2-Dichloropropane	9.39	63	88113	52.612	ug/l	100
46) Dibromomethane	9.48	93	48414	53.656	ug/l	100
47) Bromodichloromethane	9.67	83	128254	52.201	ug/l	100
48) Methyl methacrylate	9.46	41	45687	50.284	ug/l	100
49) 1,4-Dioxane	9.46	88	9891	985.248	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	254390	271.056	ug/l	100
52) Toluene	10.40	92	228659	51.327	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	122318	53.941	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	143708	52.965	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	63012	52.051	ug/l	100
56) Ethyl methacrylate	10.66	69	82338	54.891	ug/l	100
57) 1,3-Dichloropropane	10.95	76	113975	53.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	163597	249.163	ug/l	100
59) 2-Hexanone	10.98	43	176317	265.746	ug/l	100
60) Dibromochloromethane	11.14	129	85608	52.432	ug/l	100
61) 1,2-Dibromoethane	11.25	107	62405	53.029	ug/l	100
64) Tetrachloroethene	10.88	164	79196	51.786	ug/l	100
65) Chlorobenzene	11.67	112	237534	51.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	87758	51.067	ug/l	100
67) Ethyl Benzene	11.75	91	445155	51.751	ug/l	100
68) m/p-Xylenes	11.86	106	343969	104.830	ug/l	100
69) o-Xylene	12.18	106	153146	52.082	ug/l	100
70) Styrene	12.20	104	270607	52.585	ug/l	100
71) Bromoform	12.37	173	46769	51.087	ug/l #	100
73) Isopropylbenzene	12.48	105	424478	52.352	ug/l	100
74) N-amyl acetate	12.29	43	96479	54.492	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	69186	51.756	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	50675m	53.911	ug/l	
77) Bromobenzene	12.77	156	94351	51.697	ug/l	100
78) n-propylbenzene	12.83	91	513154	52.407	ug/l	100
79) 2-Chlorotoluene	12.91	91	279138	51.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	355898	52.677	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	24035	52.646	ug/l	100
82) 4-Chlorotoluene	13.01	91	301842	52.167	ug/l	100
83) tert-Butylbenzene	13.23	119	304809	53.080	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	355696	52.905	ug/l	100
85) sec-Butylbenzene	13.41	105	430195	53.025	ug/l	100
86) p-Isopropyltoluene	13.52	119	397436	53.351	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	186212	52.381	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	183832	51.725	ug/l	100
89) n-Butylbenzene	13.85	91	383464	53.093	ug/l	100
90) Hexachloroethane	14.11	117	78295	52.128	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	163408	52.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11783	55.027	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	106128	52.882	ug/l	100
94) Hexachlorobutadiene	15.27	225	61023	55.268	ug/l	100
95) Naphthalene	15.41	128	192536	55.106	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	87032	52.490	ug/l	100

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

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