

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062142.D
 Acq On : 7 May 2019 17:06
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050719

Quant Time: May 08 04:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	888903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1276591	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1038640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	517724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.42	65	416107	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	6.90	113	520077	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	10.40	98	1139104	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
62) 4-Bromofluorobenzene	13.54	95	509342	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	374402	44.039	ug/l	96
3) Chloromethane	1.74	50	262199	42.682	ug/l	98
4) Vinyl Chloride	1.83	62	283737	46.998	ug/l	96
5) Bromomethane	2.14	94	78655	55.601	ug/l	95
6) Chloroethane	2.25	64	122442	48.333	ug/l	93
7) Trichlorofluoromethane	2.51	101	530009	45.156	ug/l	100
8) Diethyl Ether	2.86	74	115171	50.878	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.13	101	405054	45.620	ug/l	97
10) Methyl Iodide	3.28	142	638856	47.607	ug/l	95
11) Tert butyl alcohol	4.04	59	116263	275.725	ug/l	99
12) 1,1-Dichloroethene	3.10	96	339695	50.119	ug/l	97
13) Acrolein	3.01	56	107680	246.900	ug/l	93
14) Allyl chloride	3.60	41	483567	49.069	ug/l	91
15) Acrylonitrile	4.17	53	283938	256.187	ug/l	95
16) Acetone	3.20	43	475825	274.670	ug/l #	89
17) Carbon Disulfide	3.36	76	1021322	52.382	ug/l	98
18) Methyl Acetate	3.62	43	156037	50.364	ug/l	98
19) Methyl tert-butyl Ether	4.21	73	700639	48.228	ug/l	97
20) Methylene Chloride	3.79	84	413686	57.193	ug/l	96
21) trans-1,2-Dichloroethene	4.20	96	372248	49.356	ug/l	98
22) Diisopropyl ether	5.09	45	1053903	50.255	ug/l	99
23) Vinyl Acetate	5.02	43	3006666	271.742	ug/l	99
24) 1,1-Dichloroethane	4.95	63	631029	49.880	ug/l	99
25) 2-Butanone	6.05	43	467980	247.663	ug/l	99
26) 2,2-Dichloropropane	6.00	77	622494	49.397	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	420741	49.839	ug/l	98
28) Bromochloromethane	6.41	49	267339	53.712	ug/l	92
29) Tetrahydrofuran	6.43	42	233067	267.695	ug/l	97
30) Chloroform	6.64	83	724445	47.515	ug/l	97
31) Cyclohexane	6.93	56	447408	51.621	ug/l	99
32) 1,1,1-Trichloroethane	6.84	97	672810	46.688	ug/l	98
36) 1,1-Dichloropropene	7.12	75	534421	51.058	ug/l	97
37) Ethyl Acetate	6.15	43	233811	52.674	ug/l #	91
38) Carbon Tetrachloride	7.09	117	706385	48.760	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	486889	48.551	ug/l	95
40) Benzene	7.43	78	1202939	50.896	ug/l	97
41) Methacrylonitrile	6.42	41	283331	52.232	ug/l #	89
42) 1,2-Dichloroethane	7.55	62	489928	48.925	ug/l	97
43) Isopropyl Acetate	9.21	43	332235	52.775	ug/l #	95
44) Trichloroethene	8.52	130	457851	50.836	ug/l	88
45) 1,2-Dichloropropane	8.92	63	287210	49.127	ug/l	96
46) Dibromomethane	9.04	93	225909	47.519	ug/l	94
47) Bromodichloromethane	9.35	83	567655	48.815	ug/l	98
48) Methyl methacrylate	9.10	41	192629	49.677	ug/l	89
49) 1,4-Dioxane	9.06	88	42688	1020.322	ug/l	94
51) 4-Methyl-2-Pentanone	10.28	43	1060091	261.967	ug/l	100
52) Toluene	10.49	92	797296	51.846	ug/l	97
53) t-1,3-Dichloropropene	10.89	75	476272	47.388	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	554454	50.569	ug/l	95
55) 1,1,2-Trichloroethane	11.17	97	267042	49.078	ug/l	98
56) Ethyl methacrylate	11.03	69	284988	50.403	ug/l #	92
57) 1,3-Dichloropropane	11.39	76	408392	49.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.83	63	818458	265.002	ug/l	97
59) 2-Hexanone	11.52	43	722609	242.280	ug/l	97
60) Dibromochloromethane	11.67	129	478491	50.885	ug/l	99
61) 1,2-Dibromoethane	11.79	107	318777	48.189	ug/l	98
64) Tetrachloroethene	11.24	164	403973	49.740	ug/l	94
65) Chlorobenzene	12.38	112	913616	47.228	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	387163	45.986	ug/l	96
67) Ethyl Benzene	12.51	91	1427952	44.091	ug/l	99
68) m/p-Xylenes	12.66	106	1231266	104.496	ug/l	100
69) o-Xylene	13.04	106	506855	46.269	ug/l	99
70) Styrene	13.06	104	941441	50.732	ug/l	99
71) Bromoform	13.22	173	300143	51.240	ug/l	97
73) Isopropylbenzene	13.40	105	1486476	47.898	ug/l	99
74) N-amyl acetate	13.26	43	413054	50.766	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	292544	49.794	ug/l	98
76) 1,2,3-Trichloropropane	13.72	75	329708	53.587	ug/l	98
77) Bromobenzene	13.66	156	465201	53.548	ug/l	96
78) n-propylbenzene	13.76	91	1804271	48.738	ug/l	96
79) 2-Chlorotoluene	13.83	91	1013545	47.804	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	1337024	51.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	90285	51.979	ug/l	89
82) 4-Chlorotoluene	13.94	91	1247442	49.999	ug/l	91
83) tert-Butylbenzene	14.18	119	1435145	48.859	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	1187784	45.293	ug/l	96
85) sec-Butylbenzene	14.36	105	1545814	47.999	ug/l	99
86) p-Isopropyltoluene	14.48	119	1369371	47.591	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	834385	52.576	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	743347	47.671	ug/l	98
89) n-Butylbenzene	14.79	91	1304836	50.523	ug/l	98
90) Hexachloroethane	15.00	117	397859	50.845	ug/l	79
91) 1,2-Dichlorobenzene	14.80	146	666794	51.017	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	49230	51.047	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	527561	55.456	ug/l	95
94) Hexachlorobutadiene	16.03	225	350154	49.488	ug/l	98
95) Naphthalene	16.11	128	727193	54.753	ug/l	100
96) 1,2,3-Trichlorobenzene	16.26	180	389127	65.057	ug/l	97

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

