

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061971.D
 Acq On : 23 Apr 2019 15:29
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042319

Quant Time: Apr 23 15:54:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	538461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	913695	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	811408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	360770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	224292	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	6.92	113	324453	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.41	98	882158	58.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.34%	
62) 4-Bromofluorobenzene	13.56	95	335849	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	251688	52.347	ug/l	99
3) Chloromethane	1.75	50	194698	47.644	ug/l	98
4) Vinyl Chloride	1.85	62	184688	49.863	ug/l	99
5) Bromomethane	2.14	94	60115	66.137	ug/l	89
6) Chloroethane	2.27	64	71881	53.688	ug/l	100
7) Trichlorofluoromethane	2.52	101	288200	51.462	ug/l	97
8) Diethyl Ether	2.87	74	75870	50.548	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	258534	50.115	ug/l	96
10) Methyl Iodide	3.30	142	361310	46.408	ug/l	98
11) Tert butyl alcohol	4.06	59	59617	250.376	ug/l	99
12) 1,1-Dichloroethene	3.12	96	222306	50.650	ug/l	97
13) Acrolein	3.04	56	67194	271.980	ug/l	94
14) Allyl chloride	3.62	41	310278	51.771	ug/l	98
15) Acrylonitrile	4.19	53	179220	243.070	ug/l	92
16) Acetone	3.21	43	292860	291.041	ug/l	99
17) Carbon Disulfide	3.37	76	665303	52.456	ug/l	99
18) Methyl Acetate	3.64	43	91112	49.923	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	411566	47.261	ug/l	97
20) Methylene Chloride	3.81	84	242530	49.476	ug/l	99
21) trans-1,2-Dichloroethene	4.22	96	240227	47.711	ug/l	98
22) Diisopropyl ether	5.11	45	639571	45.708	ug/l	99
23) Vinyl Acetate	5.05	43	1683412	231.021	ug/l	99
24) 1,1-Dichloroethane	4.99	63	383415	45.336	ug/l	100
25) 2-Butanone	6.06	43	300040	245.934	ug/l	98
26) 2,2-Dichloropropane	6.02	77	363063	49.209	ug/l	100
27) cis-1,2-Dichloroethene	6.04	96	269161	46.991	ug/l	92
28) Bromochloromethane	6.43	49	162600	50.248	ug/l	93
29) Tetrahydrofuran	6.45	42	128568	213.878	ug/l	97
30) Chloroform	6.66	83	458520	47.733	ug/l	97
31) Cyclohexane	6.95	56	290400	46.261	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	389349	46.584	ug/l	98
36) 1,1-Dichloropropene	7.14	75	332967	46.774	ug/l	96
37) Ethyl Acetate	6.18	43	126628	41.743	ug/l	95
38) Carbon Tetrachloride	7.11	117	400827	44.435	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	331238	47.162	ug/l	97
40) Benzene	7.46	78	777790	44.134	ug/l	98
41) Methacrylonitrile	6.44	41	151846	42.901	ug/l	94
42) 1,2-Dichloroethane	7.58	62	262261	43.829	ug/l	97
43) Isopropyl Acetate	9.24	43	190631	43.009	ug/l #	99
44) Trichloroethene	8.54	130	309661	45.323	ug/l	97
45) 1,2-Dichloropropane	8.94	63	198172	44.325	ug/l	98
46) Dibromomethane	9.06	93	146037	45.395	ug/l	98
47) Bromodichloromethane	9.38	83	330537	43.484	ug/l	99
48) Methyl methacrylate	9.12	41	114605	45.318	ug/l	95
49) 1,4-Dioxane	9.08	88	27215	998.171	ug/l	96
51) 4-Methyl-2-Pentanone	10.30	43	691075	254.947	ug/l	98
52) Toluene	10.51	92	579009	51.527	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	320232	50.190	ug/l	96
54) cis-1,3-Dichloropropene	10.05	75	368606	47.499	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	185128	49.073	ug/l	96
56) Ethyl methacrylate	11.04	69	194124	46.461	ug/l	100
57) 1,3-Dichloropropane	11.41	76	262744	45.094	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	517149	266.221	ug/l	97
59) 2-Hexanone	11.53	43	515978	253.753	ug/l	99
60) Dibromochloromethane	11.69	129	311504	49.904	ug/l	100
61) 1,2-Dibromoethane	11.81	107	217072	48.507	ug/l	99
64) Tetrachloroethene	11.26	164	238885	41.271	ug/l	98
65) Chlorobenzene	12.40	112	652446	42.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	278694	42.851	ug/l	98
67) Ethyl Benzene	12.53	91	1080702	43.183	ug/l	100
68) m/p-Xylenes	12.67	106	790003	87.341	ug/l	96
69) o-Xylene	13.05	106	356871	43.122	ug/l	97
70) Styrene	13.08	104	617279	43.197	ug/l	99
71) Bromoform	13.23	173	160227	43.212	ug/l	98
73) Isopropylbenzene	13.40	105	969409	40.282	ug/l	99
74) N-amyl acetate	13.26	43	244494	39.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	205213	43.514	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	215950	47.138	ug/l	100
77) Bromobenzene	13.67	156	300451	43.520	ug/l	85
78) n-propylbenzene	13.78	91	1322080	47.989	ug/l	98
79) 2-Chlorotoluene	13.85	91	721168	43.217	ug/l	100
80) 1,3,5-Trimethylbenzene	13.93	105	922428	48.070	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	66471	47.880	ug/l	90
82) 4-Chlorotoluene	13.95	91	852170	46.371	ug/l	99
83) tert-Butylbenzene	14.19	119	1001462	45.051	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	895479	48.873	ug/l	99
85) sec-Butylbenzene	14.37	105	954022	39.719	ug/l	98
86) p-Isopropyltoluene	14.50	119	958237	44.576	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	557828	46.141	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	472491	41.790	ug/l	94
89) n-Butylbenzene	14.80	91	926471	48.006	ug/l	97
90) Hexachloroethane	15.01	117	275276	47.357	ug/l	91
91) 1,2-Dichlorobenzene	14.81	146	471076	47.237	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26798	39.069	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	294176	54.671	ug/l	95
94) Hexachlorobutadiene	16.04	225	214500	53.868	ug/l	97
95) Naphthalene	16.13	128	435074	50.078	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	186003	60.925	ug/l	96

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

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