

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022119\
 Data File : VD060889.D
 Acq On : 21 Feb 2019 18:52
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Feb 22 07:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 07:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.78	168	2060583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.96	114	2907407	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	2198859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	1210818	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.19	65	1127079	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	
35) Dibromofluoromethane	6.66	113	1623824	72.96	ug/l	0.00
Spiked Amount			Recovery	=	145.92%	
50) Toluene-d8	10.18	98	4183379	75.72	ug/l	0.00
Spiked Amount			Recovery	=	151.44%	
62) 4-Bromofluorobenzene	13.35	95	1453923	61.77	ug/l	0.00
Spiked Amount			Recovery	=	123.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	1553443	53.084	ug/l	99
3) Chloromethane	1.73	50	883994	47.692	ug/l	99
4) Vinyl Chloride	1.83	62	841404	54.248	ug/l	98
5) Bromomethane	2.12	94	188256	22.816	ug/l	99
6) Chloroethane	2.22	64	223358	30.075	ug/l	100
7) Trichlorofluoromethane	2.47	101	1207824	36.878	ug/l	99
8) Diethyl Ether	2.78	74	498577	93.941	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.04	101	1496505	83.201	ug/l	97
10) Methyl Iodide	3.20	142	2508259	117.442	ug/l	98
11) Tert butyl alcohol	3.88	59	331489	291.364	ug/l	99
12) 1,1-Dichloroethene	3.02	96	1268204	98.041	ug/l	99
13) Acrolein	2.94	56	598736	546.239	ug/l	99
14) Allyl chloride	3.48	41	2198689	75.625	ug/l	98
15) Acrylonitrile	4.02	53	1165726	280.008	ug/l	100
16) Acetone	3.11	43	1405340	314.687	ug/l	98
17) Carbon Disulfide	3.27	76	5054703	106.084	ug/l	99
18) Methyl Acetate	3.49	43	572172	76.491	ug/l	96
19) Methyl tert-butyl Ether	4.05	73	2604792	59.713	ug/l	98
20) Methylene Chloride	3.66	84	1627272	58.339	ug/l	98
21) trans-1,2-Dichloroethene	4.03	96	1459366	67.509	ug/l	98
22) Diisopropyl ether	4.86	45	4082954	52.342	ug/l	97
23) Vinyl Acetate	4.80	43	11525071	249.553	ug/l	98
24) 1,1-Dichloroethane	4.74	63	2303042	54.955	ug/l	100
25) 2-Butanone	5.81	43	1862790	280.979	ug/l	99
26) 2,2-Dichloropropane	5.77	77	2102373	53.443	ug/l	99
27) cis-1,2-Dichloroethene	5.78	96	1604942	71.696	ug/l	98
28) Bromochloromethane	6.18	49	1029542	57.587	ug/l	95
29) Tetrahydrofuran	6.20	42	915281	277.802	ug/l	98
30) Chloroform	6.40	83	2755311	62.477	ug/l	97
31) Cyclohexane	6.70	56	1949948	55.422	ug/l	98
32) 1,1,1-Trichloroethane	6.61	97	2094521	54.152	ug/l	99
36) 1,1-Dichloropropene	6.89	75	1910539	53.909	ug/l	99
37) Ethyl Acetate	5.91	43	884727	48.658	ug/l	99
38) Carbon Tetrachloride	6.86	117	1726310	47.660	ug/l	98

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39) Methylcyclohexane	8.61	83	2194789	63.735	ug/l	96
40) Benzene	7.19	78	5355277	66.833	ug/l	99
41) Methacrylonitrile	6.18	41	494189m	39.836	ug/l	
42) 1,2-Dichloroethane	7.32	62	1295151	42.064	ug/l	99
43) Isopropyl Acetate	8.99	43	1146308	49.626	ug/l	99
44) Trichloroethene	8.29	130	1603299	67.174	ug/l	95
45) 1,2-Dichloropropane	8.69	63	1188048	55.537	ug/l	100
46) Dibromomethane	8.82	93	864884	63.048	ug/l	94
47) Bromodichloromethane	9.12	83	1904815	55.492	ug/l	98
48) Methyl methacrylate	8.87	41	747373	48.011	ug/l	96
49) 1,4-Dioxane	8.83	88	172775	1496.726	ug/l	98
51) 4-Methyl-2-Pentanone	10.06	43	3812577	256.201	ug/l	100
52) Toluene	10.28	92	2972262	64.441	ug/l	100
53) t-1,3-Dichloropropene	10.68	75	1861070	60.581	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	2103576	59.696	ug/l	99
55) 1,1,2-Trichloroethane	10.96	97	922661	67.346	ug/l	96
56) Ethyl methacrylate	10.81	69	1046715	59.745	ug/l	98
57) 1,3-Dichloropropane	11.18	76	1555917	62.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.62	63	2651246	300.056	ug/l	100
59) 2-Hexanone	11.31	43	2717344	247.913	ug/l	100
60) Dibromochloromethane	11.47	129	1432832	64.907	ug/l	99
61) 1,2-Dibromoethane	11.59	107	1050984	64.739	ug/l	98
64) Tetrachloroethene	11.02	164	1457869	70.572	ug/l	98
65) Chlorobenzene	12.19	112	3016904	66.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.30	131	1222882	61.977	ug/l	98
67) Ethyl Benzene	12.31	91	5068799	58.870	ug/l	100
68) m/p-Xylenes	12.45	106	3612244	124.826	ug/l	99
69) o-Xylene	12.84	106	1737239	63.118	ug/l	97
70) Styrene	12.87	104	3007912	67.695	ug/l	98
71) Bromoform	13.02	173	981712	68.161	ug/l	98
73) Isopropylbenzene	13.20	105	4955430	56.089	ug/l	99
74) N-amyl acetate	13.06	43	1490173	46.467	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.50	83	1152063	65.826	ug/l	99
76) 1,2,3-Trichloropropane	13.52	75	1160066	58.182	ug/l	99
77) Bromobenzene	13.47	156	1605905	66.006	ug/l	99
78) n-propylbenzene	13.57	91	6345555	55.210	ug/l	99
79) 2-Chlorotoluene	13.63	91	3456706	54.349	ug/l	98
80) 1,3,5-Trimethylbenzene	14.04	105	3773673	51.503	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.27	75	357141	67.841	ug/l	95
82) 4-Chlorotoluene	13.74	91	3902598	53.987	ug/l	100
83) tert-Butylbenzene	13.99	119	4534432	55.584	ug/l	98
84) 1,2,4-Trimethylbenzene	14.04	105	3773673	51.503	ug/l	99
85) sec-Butylbenzene	14.16	105	5117681	57.298	ug/l	98
86) p-Isopropyltoluene	14.29	119	4532926	60.502	ug/l	98
87) 1,3-Dichlorobenzene	14.25	146	2893390	68.864	ug/l	99
88) 1,4-Dichlorobenzene	14.33	146	2800818	66.216	ug/l	99
89) n-Butylbenzene	14.60	91	4012487	52.432	ug/l	99
90) Hexachloroethane	14.80	117	1163786	57.680	ug/l	98
91) 1,2-Dichlorobenzene	14.61	146	2200542	61.311	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.18	75	154512	53.892	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	1701858	57.263	ug/l	100
94) Hexachlorobutadiene	15.84	225	1014224	39.409	ug/l	99
95) Naphthalene	15.93	128	2085332	52.603	ug/l	100
96) 1,2,3-Trichlorobenzene	16.07	180	1122788	46.744	ug/l	99

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

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