

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061966.D
 Acq On : 23 Apr 2019 12:23
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Apr 23 12:47:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 12:18:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	650113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1088828	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	814588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	352578	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	384862	63.00	ug/l	0.00
Spiked Amount			Recovery	=	126.00%	
35) Dibromofluoromethane	6.92	113	592826	70.83	ug/l	-0.01
Spiked Amount			Recovery	=	141.66%	
50) Toluene-d8	10.42	98	1378991	73.80	ug/l	0.00
Spiked Amount			Recovery	=	147.60%	
62) 4-Bromofluorobenzene	13.56	95	525581	64.23	ug/l	0.00
Spiked Amount			Recovery	=	128.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	425417	67.828	ug/l	100
3) Chloromethane	1.76	50	368239	74.474	ug/l	96
4) Vinyl Chloride	1.85	62	334855	75.545	ug/l	100
5) Bromomethane	2.15	94	77207	56.496	ug/l	99
6) Chloroethane	2.26	64	118006	69.905	ug/l	99
7) Trichlorofluoromethane	2.53	101	480156	66.892	ug/l	99
8) Diethyl Ether	2.87	74	136448	72.504	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	442558	69.304	ug/l	98
10) Methyl Iodide	3.31	142	743835	78.818	ug/l	99
11) Tert butyl alcohol	4.07	59	117419	360.858	ug/l	99
12) 1,1-Dichloroethene	3.13	96	375352	72.562	ug/l	96
13) Acrolein	3.04	56	107505	452.595	ug/l	94
14) Allyl chloride	3.63	41	530922	70.251	ug/l	98
15) Acrylonitrile	4.20	53	342377	338.144	ug/l	99
16) Acetone	3.22	43	478248	422.441	ug/l	97
17) Carbon Disulfide	3.38	76	1107982	72.200	ug/l	99
18) Methyl Acetate	3.65	43	167035	58.425	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	801969	67.187	ug/l	96
20) Methylene Chloride	3.82	84	429729	59.065	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	438791	69.592	ug/l	99
22) Diisopropyl ether	5.12	45	1272639	68.161	ug/l	99
23) Vinyl Acetate	5.05	43	3587098	360.764	ug/l	100
24) 1,1-Dichloroethane	4.98	63	793105	72.173	ug/l	99
25) 2-Butanone	6.08	43	625544	396.602	ug/l	95
26) 2,2-Dichloropropane	6.03	77	651895	71.863	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	511769	68.781	ug/l	97
28) Bromochloromethane	6.44	49	282314	65.188	ug/l	93
29) Tetrahydrofuran	6.46	42	289599	352.666	ug/l	98
30) Chloroform	6.67	83	864703	67.056	ug/l	100
31) Cyclohexane	6.96	56	571018	73.184	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	742167	65.826	ug/l	99
36) 1,1-Dichloropropene	7.15	75	621182	71.214	ug/l	98
37) Ethyl Acetate	6.19	43	288476	71.630	ug/l	98
38) Carbon Tetrachloride	7.11	117	804603	72.248	ug/l	99

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39) Methylcyclohexane	8.87	83	592244	68.829	ug/l	97
40) Benzene	7.47	78	1489440	67.938	ug/l	98
41) Methacrylonitrile	6.44	41	331775	69.602	ug/l #	90
42) 1,2-Dichloroethane	7.58	62	525173	65.249	ug/l	99
43) Isopropyl Acetate	9.24	43	398273	67.877	ug/l #	99
44) Trichloroethene	8.55	130	606479	74.464	ug/l	99
45) 1,2-Dichloropropane	8.94	63	398048	71.203	ug/l	100
46) Dibromomethane	9.07	93	288986	68.139	ug/l	91
47) Bromodichloromethane	9.38	83	657715	67.678	ug/l	96
48) Methyl methacrylate	9.12	41	233586	69.775	ug/l	94
49) 1,4-Dioxane	9.08	88	52692	1523.232	ug/l	89
51) 4-Methyl-2-Pentanone	10.30	43	1237148	330.034	ug/l	98
52) Toluene	10.52	92	964333	68.366	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	579150	67.122	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	682085	68.046	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	333796	65.760	ug/l	98
56) Ethyl methacrylate	11.05	69	391554	72.620	ug/l	98
57) 1,3-Dichloropropane	11.41	76	512729	67.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	830321	320.961	ug/l	96
59) 2-Hexanone	11.54	43	936449	355.099	ug/l	98
60) Dibromochloromethane	11.69	129	577637	70.693	ug/l	99
61) 1,2-Dibromoethane	11.81	107	404712	66.542	ug/l	95
64) Tetrachloroethene	11.27	164	434958	73.329	ug/l	98
65) Chlorobenzene	12.41	112	1126069	72.029	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	513179	79.520	ug/l	99
67) Ethyl Benzene	12.53	91	1883941	79.367	ug/l	99
68) m/p-Xylenes	12.67	106	1250678	137.748	ug/l	100
69) o-Xylene	13.06	106	652195	75.477	ug/l	97
70) Styrene	13.08	104	1141990	76.373	ug/l	99
71) Bromoform	13.23	173	317170	79.620	ug/l	98
73) Isopropylbenzene	13.41	105	1727254	76.824	ug/l	96
74) N-amyl acetate	13.26	43	495524	81.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	398191	82.162	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	357310	76.319	ug/l	97
77) Bromobenzene	13.68	156	553685	83.642	ug/l	97
78) n-propylbenzene	13.78	91	1984639	74.361	ug/l	100
79) 2-Chlorotoluene	13.84	91	1258057	78.875	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	1416310	75.257	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	116563	84.206	ug/l	99
82) 4-Chlorotoluene	13.95	91	1327501	73.867	ug/l	97
83) tert-Butylbenzene	14.19	119	1650154	77.243	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	1335467	72.357	ug/l	98
85) sec-Butylbenzene	14.37	105	1852905	80.582	ug/l	98
86) p-Isopropyltoluene	14.49	119	1549342	73.595	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	953517	79.653	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	795632	70.493	ug/l	96
89) n-Butylbenzene	14.80	91	1462787	76.360	ug/l	97
90) Hexachloroethane	15.01	117	449795	76.502	ug/l	91
91) 1,2-Dichlorobenzene	14.81	146	762291	74.269	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	55729	86.285	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	404091	78.515	ug/l	96
94) Hexachlorobutadiene	16.04	225	284069	75.821	ug/l	98
95) Naphthalene	16.13	128	660606	79.940	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	241760	84.444	ug/l	95

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

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