

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF040419\
 Data File : VF062162.D
 Acq On : 4 Apr 2019 17:35
 Operator : FY/SY
 Sample : VSTDIC075
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Quant Time: Apr 05 05:12:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F040419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 04:46:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	221841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	358286	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.75	117	290927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	145588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	193532	105.90	ug/l	0.00
Spiked Amount			Recovery	=	211.80%	
35) Dibromofluoromethane	4.08	113	196816	79.66	ug/l	0.00
Spiked Amount			Recovery	=	159.32%	
50) Toluene-d8	7.52	98	565666	77.28	ug/l	0.00
Spiked Amount			Recovery	=	154.56%	
62) 4-Bromofluorobenzene	11.40	95	223804	78.52	ug/l	0.00
Spiked Amount			Recovery	=	157.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	211429	73.180	ug/l	99
3) Chloromethane	1.08	50	185657	63.594	ug/l #	88
4) Vinyl Chloride	1.13	62	177901	65.418	ug/l	96
5) Bromomethane	1.32	94	138387	69.731	ug/l	92
6) Chloroethane	1.39	64	91117	65.341	ug/l	91
7) Trichlorofluoromethane	1.46	101	271659	79.975	ug/l	90
8) Diethyl Ether	1.62	74	59014	78.260	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.82	101	166857	73.952	ug/l #	84
10) Methyl Iodide	1.89	142	287118m	67.170	ug/l	
11) Tert butyl alcohol	2.55	59	41684	444.207	ug/l #	94
12) 1,1-Dichloroethene	1.79	96	149950	70.165	ug/l	88
13) Acrolein	1.98	56	40641	367.021	ug/l	92
14) Allyl chloride	2.08	41	194575	81.505	ug/l	94
15) Acrylonitrile	2.92	53	115389	361.006	ug/l	95
16) Acetone	2.22	43	190222	507.147	ug/l	97
17) Carbon Disulfide	1.82	76	508297m	77.755	ug/l	
18) Methyl Acetate	2.33	43	65139	75.447	ug/l #	90
19) Methyl tert-butyl Ether	2.41	73	275023	78.802	ug/l	98
20) Methylene Chloride	2.16	84	146480m	60.451	ug/l	
21) trans-1,2-Dichloroethene	2.29	96	133723	64.488	ug/l	92
22) Diisopropyl ether	2.78	45	483704	78.909	ug/l	97
23) Vinyl Acetate	3.16	43	1172603	458.027	ug/l	98
24) 1,1-Dichloroethane	2.85	63	282621	76.972	ug/l	98
25) 2-Butanone	4.30	43	325998	439.584	ug/l	93
26) 2,2-Dichloropropane	3.57	77	137055	88.090	ug/l	87
27) cis-1,2-Dichloroethene	3.45	96	177322	64.666	ug/l	94
28) Bromochloromethane	3.69	49	127187	82.519	ug/l #	96
29) Tetrahydrofuran	4.04	42	130091	404.859	ug/l	96
30) Chloroform	3.83	83	336834	85.014	ug/l #	84
31) Cyclohexane	3.65	56	262779m	69.974	ug/l	
32) 1,1,1-Trichloroethane	4.07	97	212743	83.920	ug/l	92
36) 1,1-Dichloropropene	4.25	75	281591	80.691	ug/l	98
37) Ethyl Acetate	4.09	43	127553	84.163	ug/l	89
38) Carbon Tetrachloride	3.96	117	206424	85.003	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.42	83	282667	72.915	ug/l	96
40) Benzene	4.60	78	597432	66.167	ug/l	98
41) Methacrylonitrile	4.72	41	67481	83.764	ug/l	92
42) 1,2-Dichloroethane	4.92	62	233710	101.004	ug/l	97
43) Isopropyl Acetate	6.93	43	137007	75.944	ug/l	95
44) Trichloroethene	5.48	130	199322	72.003	ug/l	91
45) 1,2-Dichloropropane	6.21	63	144291	66.494	ug/l	96
46) Dibromomethane	6.06	93	101965	75.930	ug/l	96
47) Bromodichloromethane	6.35	83	264352	86.079	ug/l	96
48) Methyl methacrylate	6.69	41	95162	87.603	ug/l	94
49) 1,4-Dioxane	6.68	88	14148	1609.529	ug/l #	79
51) 4-Methyl-2-Pentanone	8.23	43	523971	423.976	ug/l	99
52) Toluene	7.59	92	389453	73.136	ug/l	91
53) t-1,3-Dichloropropene	8.25	75	209037	85.985	ug/l	99
54) cis-1,3-Dichloropropene	7.28	75	273567	81.312	ug/l	99
55) 1,1,2-Trichloroethane	8.46	97	98335	65.764	ug/l	90
56) Ethyl methacrylate	8.60	69	142293	78.218	ug/l	98
57) 1,3-Dichloropropane	8.82	76	189560	76.426	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.27	63	110613	404.904	ug/l #	89
59) 2-Hexanone	9.46	43	369019	410.188	ug/l	100
60) Dibromochloromethane	8.69	129	164878	78.265	ug/l	98
61) 1,2-Dibromoethane	8.96	107	116124	72.873	ug/l #	74
64) Tetrachloroethene	8.13	164	161318	71.995	ug/l	95
65) Chlorobenzene	9.77	112	416530	75.832	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.91	131	179617	80.131	ug/l	94
67) Ethyl Benzene	9.88	91	782789	80.113	ug/l	96
68) m/p-Xylenes	10.11	106	553320	152.185	ug/l	97
69) o-Xylene	10.70	106	288302	77.412	ug/l	91
70) Styrene	10.76	104	423910	73.730	ug/l	97
71) Bromoform	10.76	173	93848	81.541	ug/l #	92
73) Isopropylbenzene	11.10	105	873362	83.910	ug/l	99
74) N-amyl acetate	11.36	43	236380	93.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.68	83	135020	77.186	ug/l	98
76) 1,2,3-Trichloropropane	11.78	75	106111	83.342	ug/l	90
77) Bromobenzene	11.47	156	178897	71.327	ug/l	96
78) n-propylbenzene	11.57	91	955811	78.119	ug/l	94
79) 2-Chlorotoluene	11.70	91	572173	84.369	ug/l	95
80) 1,3,5-Trimethylbenzene	11.81	105	715400	82.209	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.85	75	43921m	84.083	ug/l	
82) 4-Chlorotoluene	11.88	91	550098	78.141	ug/l	97
83) tert-Butylbenzene	12.11	119	720535	79.834	ug/l	99
84) 1,2,4-Trimethylbenzene	12.18	105	710939	83.532	ug/l	97
85) sec-Butylbenzene	12.29	105	928971	79.896	ug/l	98
86) p-Isopropyltoluene	12.44	119	810695	79.115	ug/l	94
87) 1,3-Dichlorobenzene	12.46	146	339311	71.689	ug/l	95
88) 1,4-Dichlorobenzene	12.55	146	342757	75.161	ug/l	97
89) n-Butylbenzene	12.82	91	767808	78.992	ug/l	95
90) Hexachloroethane	12.90	117	193399	80.841	ug/l	94
91) 1,2-Dichlorobenzene	12.92	146	315502	71.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.62	75	28281	101.623	ug/l	60

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.18	180	232288	75.217	ug/l	94
94) Hexachlorobutadiene	14.17	225	153648	75.320	ug/l	93
95) Naphthalene	14.44	128	381432	72.190	ug/l	97
96) 1,2,3-Trichlorobenzene	14.59	180	214945	75.906	ug/l	95

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

