

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
 Data File : VF060170.D
 Acq On : 29 Aug 2018 1:54
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 29 02:26:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 29 02:08:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	73228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	79675	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	68771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	32495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	30992	33.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.44%	
35) Dibromofluoromethane	4.27	113	35807	58.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.42%	
50) Toluene-d8	7.70	98	131131	73.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.66%	
62) 4-Bromofluorobenzene	11.51	95	47402	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	113006	105.62	ug/l	93
3) Chloromethane	1.08	50	40554	58.47	ug/l #	88
4) Vinyl Chloride	1.13	62	39626	66.56	ug/l	98
5) Bromomethane	1.32	94	18413	43.29	ug/l	99
6) Chloroethane	1.40	64	24980	98.05	ug/l #	80
7) Trichlorofluoromethane	1.49	101	191273	134.48	ug/l	91
8) Diethyl Ether	1.69	74	6494	33.41	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	1.86	101	84739	118.30	ug/l	94
10) Methyl Iodide	1.93	142	36841	47.52	ug/l	95
11) Tert butyl alcohol	2.61	59	3630	79.62	ug/l #	64
12) 1,1-Dichloroethene	1.83	96	49551	98.17	ug/l	89
13) Acrolein	2.07	56	3156	136.91	ug/l #	78
14) Allyl chloride	2.18	41	45303	57.37	ug/l	86
15) Acrylonitrile	3.05	53	7726	83.63	ug/l	98
16) Acetone	2.31	43	18971	83.14	ug/l	94
17) Carbon Disulfide	1.85	76	154074	96.69	ug/l	100
18) Methyl Acetate	2.43	43	7303	16.29	ug/l	98
19) Methyl tert-butyl Ether	2.51	73	40395	30.58	ug/l	96
20) Methylene Chloride	2.28	84	25656	44.10	ug/l	85
21) trans-1,2-Dichloroethene	2.41	96	43143	79.57	ug/l	87
22) Diisopropyl ether	2.89	45	75505	44.54	ug/l #	97
23) Vinyl Acetate	3.30	43	100460	118.91	ug/l	99
24) 1,1-Dichloroethane	2.99	63	74516	66.54	ug/l #	99
25) 2-Butanone	4.47	43	19775	67.14	ug/l	97
26) 2,2-Dichloropropane	3.74	77	57452	51.70	ug/l	96
27) cis-1,2-Dichloroethene	3.61	96	30825	44.94	ug/l	92
28) Bromochloromethane	3.88	49	14570	33.20	ug/l	84
29) Tetrahydrofuran	4.22	42	10450	92.97	ug/l #	86
30) Chloroform	4.01	83	78344	51.49	ug/l	97
31) Cyclohexane	3.85	56	76304	84.41	ug/l	97
32) 1,1,1-Trichloroethane	4.26	97	126755	89.48	ug/l	93
36) 1,1-Dichloropropene	4.45	75	79669	99.02	ug/l	89
37) Ethyl Acetate	4.25	43	10904	27.54	ug/l	90
38) Carbon Tetrachloride	4.16	117	120942	122.23	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	90672	115.42	ug/l	92
40) Benzene	4.80	78	116377	71.99	ug/l	94
41) Methacrylonitrile	4.89	41	5636	27.83	ug/l #	79
42) 1,2-Dichloroethane	5.10	62	39199	47.89	ug/l	98
43) Isopropyl Acetate	7.09	43	13238	26.83	ug/l #	92
44) Trichloroethene	5.66	130	51523	91.73	ug/l	90
45) 1,2-Dichloropropane	6.38	63	23914	54.82	ug/l	95
46) Dibromomethane	6.24	93	12714	38.49	ug/l	94
47) Bromodichloromethane	6.53	83	48272	58.11	ug/l	93
48) Methyl methacrylate	6.85	41	9485	28.79	ug/l #	79
49) 1,4-Dioxane	6.84	88	1306	418.79	ug/l #	84
51) 4-Methyl-2-Pentanone	8.39	43	56235	130.93	ug/l #	86
52) Toluene	7.77	92	91891	76.46	ug/l	94
53) t-1,3-Dichloropropene	8.41	75	29284	40.40	ug/l #	85
54) cis-1,3-Dichloropropene	7.44	75	37246	46.14	ug/l	87
55) 1,1,2-Trichloroethane	8.63	97	14794	37.35	ug/l	93
56) Ethyl methacrylate	8.75	69	13314	28.39	ug/l	87
57) 1,3-Dichloropropane	8.99	76	25893	37.20	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.77	63	18382	417.72	ug/l	100
59) 2-Hexanone	9.61	43	43051	124.66	ug/l	86
60) Dibromochloromethane	8.85	129	26877	45.05	ug/l	84
61) 1,2-Dibromoethane	9.13	107	15359	33.10	ug/l	83
64) Tetrachloroethene	8.29	164	67782	127.65	ug/l	96
65) Chlorobenzene	9.93	112	104772	79.69	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.06	131	35390	71.76	ug/l	94
67) Ethyl Benzene	10.03	91	239750	98.19	ug/l	95
68) m/p-Xylenes	10.26	106	160232	175.48	ug/l	83
69) o-Xylene	10.83	106	71341	80.11	ug/l	99
70) Styrene	10.89	104	88320	66.53	ug/l	98
71) Bromoform	10.88	173	12401	39.14	ug/l	95
73) Isopropylbenzene	11.22	105	294907	130.45	ug/l	99
74) N-amyl acetate	11.46	43	19735	36.56	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.78	83	17848	45.64	ug/l	94
76) 1,2,3-Trichloropropane	11.88	75	16937	54.50	ug/l	90
77) Bromobenzene	11.59	156	39980	75.47	ug/l	95
78) n-propylbenzene	11.68	91	341243	123.54	ug/l	99
79) 2-Chlorotoluene	11.81	91	156526	102.44	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	221951	117.58	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.95	75	4630	34.66	ug/l #	85
82) 4-Chlorotoluene	11.99	91	151769	93.70	ug/l	97
83) tert-Butylbenzene	12.21	119	231834	124.68	ug/l	97
84) 1,2,4-Trimethylbenzene	12.28	105	190518	99.08	ug/l	97
85) sec-Butylbenzene	12.38	105	340529	127.37	ug/l	97
86) p-Isopropyltoluene	12.53	119	264626	122.26	ug/l	98
87) 1,3-Dichlorobenzene	12.55	146	87216	86.72	ug/l	95
88) 1,4-Dichlorobenzene	12.64	146	75941	77.14	ug/l	98
89) n-Butylbenzene	12.92	91	227175	112.00	ug/l	95
90) Hexachloroethane	12.99	117	57164	119.60	ug/l	88
91) 1,2-Dichlorobenzene	13.01	146	66609	71.58	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.71	75	3088	39.12	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	30810	48.27	ug/l	94
94) Hexachlorobutadiene	14.25	225	60555	123.37	ug/l	97
95) Naphthalene	14.52	128	23157	25.58	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.66	180	25122	42.01	ug/l	91

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

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