

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062918\
 Data File : VF059378.D
 Acq On : 29 Jun 2018 15:40
 Operator : VA/AP
 Sample : VF0629SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0629SBS01

Manual Integrations
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apatel
 7/2/2018 1:11:49 PM

Quant Time: Jun 30 00:05:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	307042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	459484	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	448225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	268660	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	172557	43.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.00%	
35) Dibromofluoromethane	4.27	113	156629	46.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.30%	
50) Toluene-d8	7.70	98	373812	44.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.94%	
62) 4-Bromofluorobenzene	11.50	95	203875	43.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	57210	20.39	ug/l	86
3) Chloromethane	1.07	50	38650	20.51	ug/l	94
4) Vinyl Chloride	1.13	62	38616	20.82	ug/l	93
5) Bromomethane	1.33	94	26352	22.78	ug/l	97
6) Chloroethane	1.41	64	21671	23.19	ug/l	95
7) Trichlorofluoromethane	1.48	101	71396m	19.46	ug/l	
8) Diethyl Ether	1.70	74	18189	19.34	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.88	101	44054	20.57	ug/l	91
10) Methyl Iodide	1.95	142	78352	20.07	ug/l	99
11) Tert butyl alcohol	2.67	59	22885	86.65	ug/l	93
12) 1,1-Dichloroethene	1.84	96	38730	21.40	ug/l	95
13) Acrolein	2.08	56	14023	99.74	ug/l	94
14) Allyl chloride	2.18	41	74080	21.80	ug/l	94
15) Acrylonitrile	3.06	53	47224	101.54	ug/l	87
16) Acetone	2.33	43	109209	104.29	ug/l	97
17) Carbon Disulfide	1.86	76	86379	20.29	ug/l	# 89
18) Methyl Acetate	2.43	43	38381	20.76	ug/l	95
19) Methyl tert-butyl Ether	2.52	73	139446	20.65	ug/l	94
20) Methylene Chloride	2.27	84	46915m	16.07	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	39958	20.69	ug/l	95
22) Diisopropyl ether	2.91	45	162493	21.59	ug/l	96
23) Vinyl Acetate	3.32	43	532753	111.17	ug/l	97
24) 1,1-Dichloroethane	2.99	63	95441	20.46	ug/l	99
25) 2-Butanone	4.49	43	142294	117.11	ug/l	98
26) 2,2-Dichloropropane	3.75	77	67224	20.89	ug/l	91
27) cis-1,2-Dichloroethene	3.63	96	58831	20.07	ug/l	74
28) Bromochloromethane	3.86	49	45519	23.12	ug/l	84
29) Tetrahydrofuran	4.24	42	58127	108.92	ug/l	95
30) Chloroform	4.02	83	134921	19.98	ug/l	95
31) Cyclohexane	3.85	56	67675	22.14	ug/l	97
32) 1,1,1-Trichloroethane	4.26	97	99846	20.20	ug/l	96
36) 1,1-Dichloropropene	4.44	75	85334	21.26	ug/l	97
37) Ethyl Acetate	4.28	43	61252	23.06	ug/l	95
38) Carbon Tetrachloride	4.15	117	106688	21.06	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	78751	22.14	ug/l	95
40) Benzene	4.79	78	189579	21.30	ug/l	98
41) Methacrylonitrile	4.91	41	29240	21.36	ug/l	94
42) 1,2-Dichloroethane	5.10	62	102678	19.74	ug/l	100
43) Isopropyl Acetate	7.10	43	65950	19.73	ug/l #	87
44) Trichloroethene	5.66	130	64068	20.99	ug/l	92
45) 1,2-Dichloropropane	6.39	63	54409	21.40	ug/l	91
46) Dibromomethane	6.24	93	46703	21.16	ug/l	96
47) Bromodichloromethane	6.53	83	111599	20.89	ug/l	97
48) Methyl methacrylate	6.86	41	45342	20.23	ug/l	95
49) 1,4-Dioxane	6.85	88	5668	450.69	ug/l #	80
51) 4-Methyl-2-Pentanone	8.39	43	260078	105.00	ug/l	99
52) Toluene	7.77	92	136454	20.49	ug/l	94
53) t-1,3-Dichloropropene	8.41	75	102084	20.96	ug/l	98
54) cis-1,3-Dichloropropene	7.44	75	111134	21.01	ug/l	92
55) 1,1,2-Trichloroethane	8.63	97	54530	21.09	ug/l	92
56) Ethyl methacrylate	8.74	69	78404	24.48	ug/l #	91
57) 1,3-Dichloropropane	8.99	76	92969	20.96	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.77	63	25353	105.54	ug/l	100
59) 2-Hexanone	9.62	43	220451	108.93	ug/l	98
60) Dibromochloromethane	8.85	129	81960	20.53	ug/l	93
61) 1,2-Dibromoethane	9.12	107	65450	20.87	ug/l	89
64) Tetrachloroethene	8.29	164	62724	21.58	ug/l	95
65) Chlorobenzene	9.93	112	169257	20.38	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.05	131	74667	20.79	ug/l	98
67) Ethyl Benzene	10.02	91	280784	19.93	ug/l	94
68) m/p-Xylenes	10.25	106	215751	43.02	ug/l	93
69) o-Xylene	10.82	106	118770	21.17	ug/l	99
70) Styrene	10.89	104	177125	20.73	ug/l	98
71) Bromoform	10.88	173	48604	19.74	ug/l	96
73) Isopropylbenzene	11.22	105	360391	23.03	ug/l	100
74) N-amyl acetate	11.45	43	126054	22.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.78	83	83055	21.01	ug/l	98
76) 1,2,3-Trichloropropane	11.88	75	62523	20.97	ug/l	98
77) Bromobenzene	11.58	156	91875	21.16	ug/l	94
78) n-propylbenzene	11.68	91	401669	21.37	ug/l	97
79) 2-Chlorotoluene	11.80	91	250267	21.79	ug/l	97
80) 1,3,5-Trimethylbenzene	11.91	105	300774	21.94	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.95	75	36190	20.39	ug/l	98
82) 4-Chlorotoluene	11.98	91	264119	21.47	ug/l	94
83) tert-Butylbenzene	12.20	119	320334	23.36	ug/l	93
84) 1,2,4-Trimethylbenzene	12.28	105	318569	22.06	ug/l	98
85) sec-Butylbenzene	12.38	105	417214	22.95	ug/l	100
86) p-Isopropyltoluene	12.53	119	348871	22.87	ug/l	100
87) 1,3-Dichlorobenzene	12.55	146	169456	20.97	ug/l	98
88) 1,4-Dichlorobenzene	12.64	146	165097	21.29	ug/l	99
89) n-Butylbenzene	12.91	91	354546	22.90	ug/l	100
90) Hexachloroethane	12.99	117	83260	21.90	ug/l	100
91) 1,2-Dichlorobenzene	13.01	146	162848	20.66	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	17859	20.38	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.26	180	133198	22.85	ug/l	97
94) Hexachlorobutadiene	14.25	225	74698	22.94	ug/l	88
95) Naphthalene	14.52	128	269342	22.08	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	125534	22.73	ug/l	96

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

