

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060869.D
 Acq On : 29 Nov 2018 16:08
 Operator : VA/AP
 Sample : VF1129SBS01
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1129SBS01

Manual Integrations
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apatel
 12/3/2018 11:58:24 AM

Quant Time: Nov 30 06:16:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	212505	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	362315	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.79	117	322889	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	173167	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	135510	54.13	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	108.26%	
35) Dibromofluoromethane	4.11	113	138930	48.33	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	96.66%	
50) Toluene-d8	7.57	98	399778	47.22	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.42	95	189289	49.19	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	98.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	70065	22.051	ug/l	98
3) Chloromethane	1.10	50	45369	21.943	ug/l	97
4) Vinyl Chloride	1.13	62	43303	22.453	ug/l	98
5) Bromomethane	1.33	94	28974	21.306	ug/l	91
6) Chloroethane	1.37	64	17497	20.988	ug/l	95
7) Trichlorofluoromethane	1.49	101	88303m	21.340	ug/l	
8) Diethyl Ether	1.63	74	12987	21.826	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	1.82	101	41420	19.800	ug/l	95
10) Methyl Iodide	1.89	142	69807m	21.954	ug/l	
11) Tert butyl alcohol	2.58	59	10841	105.642	ug/l	95
12) 1,1-Dichloroethene	1.79	96	33234	19.751	ug/l	87
13) Acrolein	2.01	56	9963	102.470	ug/l	99
14) Allyl chloride	2.10	41	49237	23.477	ug/l	95
15) Acrylonitrile	2.95	53	24594	106.900	ug/l	90
16) Acetone	2.24	43	53649	116.214	ug/l	99
17) Carbon Disulfide	1.82	76	96051	21.290	ug/l	98
18) Methyl Acetate	2.35	43	20457	25.608	ug/l	96
19) Methyl tert-butyl Ether	2.44	73	80750	21.307	ug/l	95
20) Methylene Chloride	2.18	84	38169m	22.538	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	36702	22.625	ug/l	91
22) Diisopropyl ether	2.80	45	123028	21.551	ug/l	97
23) Vinyl Acetate	3.20	43	296152	113.490	ug/l	97
24) 1,1-Dichloroethane	2.87	63	76945	22.655	ug/l	99
25) 2-Butanone	4.34	43	89382	111.941	ug/l	93
26) 2,2-Dichloropropane	3.61	77	49626	22.537	ug/l	99
27) cis-1,2-Dichloroethene	3.48	96	57543	21.789	ug/l	98
28) Bromochloromethane	3.73	49	35958	22.060	ug/l	94
29) Tetrahydrofuran	4.08	42	37447	110.639	ug/l	97
30) Chloroform	3.87	83	112974	21.612	ug/l	97
31) Cyclohexane	3.71	56	78703	22.328	ug/l	99
32) 1,1,1-Trichloroethane	4.10	97	79918	22.045	ug/l	94
36) 1,1-Dichloropropene	4.29	75	80466	20.023	ug/l	98
37) Ethyl Acetate	4.12	43	35103	21.495	ug/l	87
38) Carbon Tetrachloride	3.99	117	71962	20.274	ug/l	93

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39) Methylcyclohexane	5.46	83	88529	21.021	ug/l	99
40) Benzene	4.64	78	183152	20.630	ug/l	97
41) Methacrylonitrile	4.74	41	18614	19.661	ug/l #	88
42) 1,2-Dichloroethane	4.95	62	65136	20.096	ug/l	98
43) Isopropyl Acetate	6.96	43	42564	19.463	ug/l #	85
44) Trichloroethene	5.51	130	58907	20.293	ug/l	98
45) 1,2-Dichloropropane	6.24	63	47763	20.715	ug/l	95
46) Dibromomethane	6.10	93	32789	20.963	ug/l	97
47) Bromodichloromethane	6.39	83	84462	20.331	ug/l	95
48) Methyl methacrylate	6.73	41	30145	20.393	ug/l	97
49) 1,4-Dioxane	6.72	88	4524	418.166	ug/l	84
51) 4-Methyl-2-Pentanone	8.27	43	162584	107.960	ug/l	96
52) Toluene	7.63	92	118664	19.029	ug/l	87
53) t-1,3-Dichloropropene	8.29	75	67213	19.890	ug/l	93
54) cis-1,3-Dichloropropene	7.31	75	88022	21.041	ug/l	97
55) 1,1,2-Trichloroethane	8.50	97	36575	20.128	ug/l	96
56) Ethyl methacrylate	8.63	69	38195	18.922	ug/l	94
57) 1,3-Dichloropropane	8.87	76	68295	21.482	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.30	63	21006	101.738	ug/l	90
59) 2-Hexanone	9.50	43	113402	107.335	ug/l	98
60) Dibromochloromethane	8.72	129	54125	19.991	ug/l	97
61) 1,2-Dibromoethane	9.00	107	37116	18.908	ug/l	93
64) Tetrachloroethene	8.17	164	50220	20.363	ug/l	98
65) Chlorobenzene	9.80	112	131034	20.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.94	131	55271	20.468	ug/l	94
67) Ethyl Benzene	9.90	91	248375	21.239	ug/l	98
68) m/p-Xylenes	10.14	106	182966	43.502	ug/l	99
69) o-Xylene	10.72	106	99009	21.348	ug/l	87
70) Styrene	10.80	104	145859	22.687	ug/l	97
71) Bromoform	10.78	173	29615	22.705	ug/l #	86
73) Isopropylbenzene	11.14	105	297678	21.753	ug/l	98
74) N-amyl acetate	11.38	43	73191	23.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.70	83	51816	23.007	ug/l	97
76) 1,2,3-Trichloropropane	11.80	75	39266	23.986	ug/l	92
77) Bromobenzene	11.50	156	62111	20.702	ug/l	87
78) n-propylbenzene	11.60	91	348935	21.773	ug/l	99
79) 2-Chlorotoluene	11.73	91	210800	22.941	ug/l	100
80) 1,3,5-Trimethylbenzene	11.83	105	247818	22.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.88	75	17473m	21.784	ug/l	
82) 4-Chlorotoluene	11.91	91	205331	21.233	ug/l	98
83) tert-Butylbenzene	12.13	119	243495	21.517	ug/l	94
84) 1,2,4-Trimethylbenzene	12.21	105	237651	21.434	ug/l	99
85) sec-Butylbenzene	12.31	105	330992	21.366	ug/l	97
86) p-Isopropyltoluene	12.47	119	285098	21.951	ug/l	99
87) 1,3-Dichlorobenzene	12.48	146	124928	21.891	ug/l	96
88) 1,4-Dichlorobenzene	12.58	146	118686	21.341	ug/l	100
89) n-Butylbenzene	12.85	91	295960	22.536	ug/l	97
90) Hexachloroethane	12.92	117	66425	21.239	ug/l	97
91) 1,2-Dichlorobenzene	12.95	146	118707	21.965	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.65	75	8948	20.550	ug/l	91

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93) 1,2,4-Trichlorobenzene	14.20	180	85341	22.600	ug/l	97
94) Hexachlorobutadiene	14.19	225	50604	20.103	ug/l	99
95) Naphthalene	14.46	128	160130	19.730	ug/l	98
96) 1,2,3-Trichlorobenzene	14.61	180	77893	22.216	ug/l	96

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

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