

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060882.D
 Acq On : 29 Nov 2018 22:33
 Operator : VA/AP
 Sample : J6139-01
 Misc : 6.66µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S49-0483

Quant Time: Nov 30 06:01:17 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	4573	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	6711	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	3927	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	1201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	744	13.81	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	27.62%	
35) Dibromofluoromethane	4.11	113	1489	27.97	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	55.94%	
50) Toluene-d8	7.55	98	6622	42.22	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	84.44%	
62) 4-Bromofluorobenzene	11.42	95	1821	25.55	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	51.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.95	85	70	1.024	ug/l #	41
3) Chloromethane	1.10	50	178	4.001	ug/l #	41
4) Vinyl Chloride	1.10	62	5965	143.727	ug/l	99
5) Bromomethane	1.47	94	413	14.113	ug/l	92
6) Chloroethane	1.53	64	62	3.456	ug/l #	1
8) Diethyl Ether	1.59	74	60	4.686	ug/l #	1
11) Tert butyl alcohol	2.52	59	65	29.434	ug/l #	1
12) 1,1-Dichloroethene	1.81	96	125	3.452	ug/l #	1
13) Acrolein	1.96	56	683	326.433	ug/l	97
14) Allyl chloride	2.11	41	681	15.089	ug/l #	71
15) Acrylonitrile	2.93	53	233	47.062	ug/l #	11
16) Acetone	2.26	43	262	26.374	ug/l #	65
17) Carbon Disulfide	1.75	76	234	2.410	ug/l #	1
18) Methyl Acetate	2.36	43	276	15.418	ug/l #	61
20) Methylene Chloride	2.28	84	76	2.085	ug/l #	1
21) trans-1,2-Dichloroethene	2.31	96	2557	73.248	ug/l	99
22) Diisopropyl ether	2.82	45	427	3.476	ug/l #	8
23) Vinyl Acetate	3.21	43	504	8.975	ug/l #	80
24) 1,1-Dichloroethane	2.88	63	247	3.379	ug/l #	86
25) 2-Butanone	4.37	43	237	13.793	ug/l #	57
26) 2,2-Dichloropropane	3.64	77	99	2.089	ug/l #	60
27) cis-1,2-Dichloroethene	3.49	96	9876	173.777	ug/l	71
29) Tetrahydrofuran	4.11	42	216	29.656	ug/l #	37
37) Ethyl Acetate	4.11	43	191	6.314	ug/l #	14
39) Methylcyclohexane	5.46	83	91	1.167	ug/l #	62
41) Methacrylonitrile	4.74	41	400	23.483	ug/l #	51
42) 1,2-Dichloroethane	4.86	62	63	1.049	ug/l	76
43) Isopropyl Acetate	6.93	43	236	3.811	ug/l #	49
44) Trichloroethene	5.51	130	221	4.110	ug/l	1
47) Bromodichloromethane	6.44	83	94	1.222	ug/l #	25
48) Methyl methacrylate	6.77	41	302	11.030	ug/l #	53
51) 4-Methyl-2-Pentanone	8.22	43	547	19.610	ug/l #	38
56) Ethyl methacrylate	8.49	69	86	2.300	ug/l #	58
58) 2-Chloroethyl Vinyl ether	7.18	63	81	21.180	ug/l #	46

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59) 2-Hexanone	9.36	43	429	21.922	ug/l	72
64) Tetrachloroethene	8.19	164	219	7.301	ug/l #	27
74) N-amyl acetate	11.38	43	405	18.480	ug/l #	44
79) 2-Chlorotoluene	11.83	91	73	1.145	ug/l #	43
81) trans-1,4-Dichloro-2-buten	11.99	75	61	10.966	ug/l #	16
82) 4-Chlorotoluene	11.83	91	73	1.088	ug/l #	45
92) 1,2-Dibromo-3-Chloropropan	13.80	75	89	29.471	ug/l #	1

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

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