

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061212.D
 Acq On : 27 Dec 2018 17:09
 Operator : VA/AP
 Sample : J6447-11RE
 Misc : 5.79g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS025-1824-01RE

Quant Time: Dec 27 23:49:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	343	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	362	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	80	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	61	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	4.08	113	70	24.14	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	48.28%	
50) Toluene-d8	7.55	98	485	59.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	118.04%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds						Qvalue
3) Chloromethane	1.06	50	266	60.904	ug/l #	42
4) Vinyl Chloride	1.13	62	71	17.524	ug/l #	37
5) Bromomethane	1.35	94	276	98.214	ug/l #	3
6) Chloroethane	1.39	64	63	33.746	ug/l #	1
8) Diethyl Ether	1.49	74	79	74.574	ug/l	46
9) 1,1,2-Trichlorotrifluoroet	1.92	101	67	16.704	ug/l #	21
11) Tert butyl alcohol	2.51	59	67	376.352	ug/l #	1
12) 1,1-Dichloroethene	1.74	96	187	61.848	ug/l #	1
13) Acrolein	2.10	56	286	2223.262	ug/l	96
14) Allyl chloride	2.08	41	381	121.088	ug/l #	77
15) Acrylonitrile	2.92	53	240	583.001	ug/l #	69
16) Acetone	2.21	43	1270	1440.038	ug/l #	66
17) Carbon Disulfide	1.81	76	62	6.785	ug/l #	68
18) Methyl Acetate	2.27	43	784	429.679	ug/l	93
19) Methyl tert-butyl Ether	2.41	73	86	12.814	ug/l #	59
20) Methylene Chloride	2.24	84	70	22.355	ug/l #	34
21) trans-1,2-Dichloroethene	2.30	96	225	69.577	ug/l #	1
22) Diisopropyl ether	2.75	45	1092	104.189	ug/l #	42
23) Vinyl Acetate	3.12	43	333	68.871	ug/l #	78
24) 1,1-Dichloroethane	2.87	63	62	9.984	ug/l #	88
25) 2-Butanone	4.33	43	100	69.915	ug/l #	57
26) 2,2-Dichloropropane	3.52	77	71	19.923	ug/l #	62
27) cis-1,2-Dichloroethene	3.29	96	60	12.119	ug/l	1
28) Bromochloromethane	3.59	49	79	25.072	ug/l #	10
29) Tetrahydrofuran	4.03	42	66	113.373	ug/l #	37
30) Chloroform	3.90	83	72	7.732	ug/l #	16
31) Cyclohexane	3.69	56	67	10.397	ug/l #	15
37) Ethyl Acetate	4.12	43	429	Below Cal	#	21
39) Methylcyclohexane	5.57	83	78	19.897	ug/l #	14
41) Methacrylonitrile	4.72	41	72	78.022	ug/l #	36
42) 1,2-Dichloroethane	4.96	62	70	19.610	ug/l	77
43) Isopropyl Acetate	6.95	43	278	131.762	ug/l #	45
46) Dibromomethane	6.14	93	63	37.994	ug/l #	5
48) Methyl methacrylate	6.70	41	157	106.592	ug/l #	19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) 4-Methyl-2-Pentanone	8.21	43	88	60.816	ug/l #	38
52) Toluene	7.61	92	83	13.344	ug/l #	1
53) t-1,3-Dichloropropene	8.11	75	67	19.277	ug/l #	42
56) Ethyl methacrylate	8.56	69	62	30.727	ug/l #	34
57) 1,3-Dichloropropane	8.72	76	67	19.866	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.15	63	64	165.149	ug/l #	50
59) 2-Hexanone	9.47	43	128	122.321	ug/l #	27
67) Ethyl Benzene	9.90	91	76	25.242	ug/l #	47
70) Styrene	10.68	104	77	54.179	ug/l #	30
74) N-amyl acetate	11.38	43	77	65.977	ug/l #	7
75) 1,1,2,2-Tetrachloroethane	11.63	83	75	85.966	ug/l #	23
76) 1,2,3-Trichloropropane	11.92	75	71	109.354	ug/l #	39
77) Bromobenzene	11.55	156	62	54.790	ug/l #	1
78) n-propylbenzene	11.48	91	60	8.347	ug/l #	55
81) trans-1,4-Dichloro-2-buten	11.92	75	71	254.484	ug/l #	11
82) 4-Chlorotoluene	11.91	91	72	19.301	ug/l #	43
89) n-Butylbenzene	12.82	91	79	14.030	ug/l #	26

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

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