

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060896.D
 Acq On : 3 Dec 2018 17:27
 Operator : VA/AP
 Sample : J5764-27RE
 Misc : 5.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-113018-DRE

Quant Time: Dec 04 03:11:12 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	4.89	168	1550	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	2357	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	1595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	409	22.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.80%	
35) Dibromofluoromethane	4.15	113	310	16.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.16%	
50) Toluene-d8	7.57	98	2187	39.71	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	79.42%	
62) 4-Bromofluorobenzene	11.42	95	459	18.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	36.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	88	5.835	ug/l #	41
4) Vinyl Chloride	1.17	62	64	4.550	ug/l #	42
5) Bromomethane	1.33	94	523	52.726	ug/l #	2
6) Chloroethane	1.41	64	60	9.867	ug/l #	1
8) Diethyl Ether	1.74	74	165	38.017	ug/l #	16
9) 1,1,2-Trichlorotrifluoroet	1.85	101	62	4.063	ug/l #	20
10) Methyl Iodide	1.89	142	83	3.579	ug/l #	26
11) Tert butyl alcohol	2.51	59	156	208.416	ug/l #	1
12) 1,1-Dichloroethene	1.78	96	64	5.215	ug/l #	1
13) Acrolein	2.07	56	1176	1658.251	ug/l #	68
14) Allyl chloride	2.13	41	456	29.810	ug/l #	53
15) Acrylonitrile	2.96	53	464	276.506	ug/l #	14
16) Acetone	2.25	43	475	141.068	ug/l #	65
17) Carbon Disulfide	1.97	76	79	2.401	ug/l #	68
18) Methyl Acetate	2.29	43	420	75.181	ug/l	98
19) Methyl tert-butyl Ether	2.45	73	99	3.581	ug/l #	1
20) Methylene Chloride	2.24	84	169	13.681	ug/l #	8
21) trans-1,2-Dichloroethene	2.34	96	147	12.424	ug/l #	5
22) Diisopropyl ether	2.79	45	497	11.936	ug/l #	10
23) Vinyl Acetate	3.20	43	1590	83.537	ug/l #	80
24) 1,1-Dichloroethane	2.92	63	65	2.624	ug/l #	86
25) 2-Butanone	4.34	43	155	26.614	ug/l #	57
26) 2,2-Dichloropropane	3.71	77	152	9.464	ug/l #	60
29) Tetrahydrofuran	4.13	42	151	61.166	ug/l #	37
30) Chloroform	3.84	83	72	1.888	ug/l #	17
31) Cyclohexane	3.69	56	68	2.645	ug/l #	15
32) 1,1,1-Trichloroethane	4.17	97	81	3.063	ug/l #	22
37) Ethyl Acetate	4.15	43	227	21.367	ug/l #	14
39) Methylcyclohexane	5.52	83	80	2.920	ug/l #	13
40) Benzene	4.68	78	63	1.091	ug/l #	52
41) Methacrylonitrile	4.79	41	442	82.909	ug/l #	23
43) Isopropyl Acetate	6.96	43	65	2.368	ug/l #	49
48) Methyl methacrylate	6.73	41	60	6.239	ug/l #	18
51) 4-Methyl-2-Pentanone	8.25	43	266	27.151	ug/l #	38

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52) Toluene	7.57	92	73	1.799	ug/l #	1
54) cis-1,3-Dichloropropene	7.41	75	67	2.462	ug/l #	26
56) Ethyl methacrylate	8.69	69	67	5.102	ug/l #	5
59) 2-Hexanone	9.51	43	100	14.549	ug/l #	27
60) Dibromochloromethane	8.72	129	70	3.974	ug/l #	12
74) N-amyl acetate	11.39	43	331	33.282	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.70	83	73	10.299	ug/l #	25
78) n-propylbenzene	11.58	91	78	1.546	ug/l #	56
79) 2-Chlorotoluene	11.58	91	78	2.697	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.23	105	63	1.805	ug/l #	29
85) sec-Butylbenzene	12.23	105	63	1.292	ug/l #	58
89) n-Butylbenzene	12.72	91	70	1.694	ug/l #	27
90) Hexachloroethane	12.86	117	76	7.721	ug/l #	25
94) Hexachlorobutadiene	14.32	225	63	7.952	ug/l #	18

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

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