

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061195.D
 Acq On : 26 Dec 2018 18:30
 Operator : VA/AP
 Sample : J6404-03
 Misc : 16.74g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW01-121218-N

Quant Time: Dec 27 01:20:49 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	4.84	168	350	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	123	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.80	65	78	17.33	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	34.66%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.55	98	489	39.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.34%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.13	50	189	42.408	ug/l #	42
4) Vinyl Chloride	1.16	62	82	19.834	ug/l #	37
5) Bromomethane	1.37	94	565	197.033	ug/l	86
6) Chloroethane	1.32	64	62	32.546	ug/l #	36
8) Diethyl Ether	1.53	74	60	55.506	ug/l	47
11) Tert butyl alcohol	2.56	59	62	341.301	ug/l #	1
12) 1,1-Dichloroethene	1.90	96	64	20.744	ug/l #	1
13) Acrolein	1.96	56	256	1950.252	ug/l	96
14) Allyl chloride	2.10	41	654	203.694	ug/l #	72
15) Acrylonitrile	2.93	53	271	645.139	ug/l #	75
16) Acetone	2.33	43	276	306.694	ug/l	96
17) Carbon Disulfide	1.95	76	140	15.016	ug/l #	1
18) Methyl Acetate	2.33	43	276	148.239	ug/l #	66
19) Methyl tert-butyl Ether	2.49	73	96	14.018	ug/l #	1
20) Methylene Chloride	2.27	84	163	57.341	ug/l #	1
21) trans-1,2-Dichloroethene	2.28	96	146	44.245	ug/l #	1
22) Diisopropyl ether	2.81	45	1102	103.040	ug/l #	21
23) Vinyl Acetate	3.18	43	1209	245.044	ug/l #	78
24) 1,1-Dichloroethane	2.88	63	103	16.255	ug/l #	88
25) 2-Butanone	4.30	43	89	60.980	ug/l #	57
26) 2,2-Dichloropropane	3.62	77	80	21.999	ug/l #	62
27) cis-1,2-Dichloroethene	3.48	96	77	15.242	ug/l	1
29) Tetrahydrofuran	4.09	42	62	104.372	ug/l #	37
30) Chloroform	3.97	83	175	18.418	ug/l #	16
31) Cyclohexane	3.69	56	63	9.581	ug/l #	15
37) Ethyl Acetate	4.10	43	72	25.642	ug/l #	21
39) Methylcyclohexane	5.56	83	61	10.242	ug/l #	14
40) Benzene	4.61	78	72	5.043	ug/l #	49
41) Methacrylonitrile	4.75	41	149	106.272	ug/l #	27
43) Isopropyl Acetate	6.97	43	353	110.120	ug/l #	45
48) Methyl methacrylate	6.71	41	109	48.708	ug/l #	19
51) 4-Methyl-2-Pentanone	8.26	43	167	75.962	ug/l #	38
59) 2-Hexanone	9.48	43	66	41.513	ug/l #	27
67) Ethyl Benzene	9.78	91	83	17.929	ug/l #	47

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.06	106	70	42.967	ug/l #	1

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

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