

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059553.D
 Acq On : 19 Jul 2018 11:35
 Operator : VA/AP
 Sample : J4036-03
 Misc : 14.72g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-03-0-2

Quant Time: Jul 19 14:41:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	82	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.78
63) Chlorobenzene-d5	9.93	117	78	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.66	152	62	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	117	91.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.48%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.10	50	398	719.97	ug/l #	44
4) Vinyl Chloride	1.11	62	131	234.86	ug/l #	43
5) Bromomethane	1.27	94	85	219.89	ug/l #	3
6) Chloroethane	1.42	64	62	220.44	ug/l #	46
7) Trichlorofluoromethane	1.61	101	63	46.15	ug/l #	20
8) Diethyl Ether	1.86	74	83	315.97	ug/l #	1
11) Tert butyl alcohol	2.74	59	72	1402.39	ug/l #	74
12) 1,1-Dichloroethene	1.96	96	68	110.92	ug/l #	1
13) Acrolein	2.02	56	62	3395.72	ug/l #	12
14) Allyl chloride	2.23	41	78	101.95	ug/l #	73
15) Acrylonitrile	3.00	53	74	691.60	ug/l #	13
16) Acetone	2.33	43	362	2104.97	ug/l #	64
17) Carbon Disulfide	1.98	76	72	45.83	ug/l #	74
18) Methyl Acetate	2.39	43	262	712.64	ug/l #	67
19) Methyl tert-butyl Ether	2.53	73	93	48.36	ug/l #	1
20) Methylene Chloride	2.25	84	61	111.67	ug/l #	3
21) trans-1,2-Dichloroethene	2.47	96	74	130.55	ug/l #	1
22) Diisopropyl ether	3.02	45	159	73.94	ug/l #	37
23) Vinyl Acetate	3.38	43	89	70.83	ug/l #	84
24) 1,1-Dichloroethane	3.13	63	82	61.75	ug/l #	91
25) 2-Butanone	4.52	43	106	358.00	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	60	68.30	ug/l #	62
27) cis-1,2-Dichloroethene	3.57	96	75	113.69	ug/l #	1
28) Bromochloromethane	3.97	49	94	160.82	ug/l #	6
29) Tetrahydrofuran	4.28	42	132	1174.63	ug/l #	38
30) Chloroform	3.97	83	79	41.18	ug/l #	17
31) Cyclohexane	3.92	56	95	138.12	ug/l #	15
67) Ethyl Benzene	9.89	91	73	28.04	ug/l #	45
69) o-Xylene	10.69	106	104	106.27	ug/l #	1
73) Isopropylbenzene	11.23	105	70	17.89	ug/l #	51
74) N-amyl acetate	11.45	43	168	134.08	ug/l #	48
76) 1,2,3-Trichloropropane	11.79	75	68	97.59	ug/l #	38
81) trans-1,4-Dichloro-2-buten	12.02	75	60	188.50	ug/l #	6
84) 1,2,4-Trimethylbenzene	12.20	105	78	23.13	ug/l #	31

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85) sec-Butylbenzene	12.47	105	66	16.49	ug/l #	56
91) 1,2-Dichlorobenzene	12.89	146	60	33.35	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.72	75	122	631.08	ug/l #	8
96) 1,2,3-Trichlorobenzene	14.67	180	60	60.74	ug/l #	11

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

