

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061425.D
 Acq On : 16 Jan 2019 21:36
 Operator : VA/AP
 Sample : K1167-09RE
 Misc : 6.53q/5mL/MSVOA-F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CLOVER-YARD-ARE

Quant Time: Jan 17 02:57:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	1158	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	66	6.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.34%	
35) Dibromofluoromethane	4.11	113	246	26.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.84%	
50) Toluene-d8	7.53	98	817	32.63	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	65.26%	
62) 4-Bromofluorobenzene	11.41	95	193	16.50	ug/l	0.01
Spiked Amount	50.000		Recovery	=	33.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.09	50	81	6.492	ug/l #	44
4) Vinyl Chloride	1.10	62	121	10.902	ug/l #	43
5) Bromomethane	1.33	94	615	84.977	ug/l #	2
6) Chloroethane	1.29	64	67	13.624	ug/l #	1
7) Trichlorofluoromethane	1.45	101	62	2.874	ug/l #	19
8) Diethyl Ether	1.53	74	96	34.725	ug/l	65
11) Tert butyl alcohol	2.48	59	78	172.350	ug/l #	64
12) 1,1-Dichloroethene	1.76	96	115	14.931	ug/l #	1
13) Acrolein	1.92	56	184	462.837	ug/l	99
14) Allyl chloride	2.08	41	237	26.831	ug/l #	42
15) Acrylonitrile	2.90	53	139	119.905	ug/l #	14
16) Acetone	2.23	43	805	375.306	ug/l #	61
18) Methyl Acetate	2.32	43	322	75.699	ug/l #	61
19) Methyl tert-butyl Ether	2.43	73	86	4.981	ug/l #	59
20) Methylene Chloride	2.15	84	143	18.534	ug/l #	1
21) trans-1,2-Dichloroethene	2.33	96	63	7.434	ug/l #	1
22) Diisopropyl ether	2.76	45	320	11.675	ug/l #	1
23) Vinyl Acetate	3.17	43	1029	87.455	ug/l #	78
24) 1,1-Dichloroethane	2.85	63	76	4.418	ug/l #	85
25) 2-Butanone	4.35	43	73	20.466	ug/l #	57
27) cis-1,2-Dichloroethene	3.49	96	60	4.796	ug/l	1
29) Tetrahydrofuran	4.08	42	123	80.084	ug/l #	38
30) Chloroform	3.72	83	109	4.695	ug/l #	17
31) Cyclohexane	3.54	56	75	4.364	ug/l #	13
36) 1,1-Dichloropropene	4.17	75	67	4.990	ug/l #	44
37) Ethyl Acetate	4.09	43	273	50.867	ug/l #	5
39) Methylcyclohexane	5.47	83	70	4.811	ug/l #	15
40) Benzene	4.50	78	75	2.510	ug/l #	1
41) Methacrylonitrile	4.72	41	234	81.939	ug/l #	51
43) Isopropyl Acetate	6.99	43	176	26.128	ug/l #	51
48) Methyl methacrylate	6.70	41	101	22.329	ug/l #	55
51) 4-Methyl-2-Pentanone	8.24	43	309	62.399	ug/l #	39
59) 2-Hexanone	9.44	43	261	75.584	ug/l #	26

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

