

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062148.D
 Acq On : 26 Mar 2019 16:18
 Operator : VA/AP
 Sample : K2086-05
 Misc : 9.89g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-15

Quant Time: Mar 27 05:16:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	5347	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	5031	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	1865	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.56	152	326	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	217	5.46	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	10.92%	
35) Dibromofluoromethane	4.09	113	844	24.80	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	49.60%	
50) Toluene-d8	7.54	98	3575	35.19	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	70.38%	
62) 4-Bromofluorobenzene	11.40	95	536	13.67	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	27.34%	

Target Compounds

						Qvalue
3) Chloromethane	1.24	50	264	3.683	ug/l	93
4) Vinyl Chloride	1.15	62	92	1.388	ug/l #	42
5) Bromomethane	1.32	94	337	7.071	ug/l #	5
6) Chloroethane	1.42	64	63	1.888	ug/l #	1
7) Trichlorofluoromethane	1.51	101	114	1.424	ug/l #	18
11) Tert butyl alcohol	2.64	59	83	37.929	ug/l #	66
12) 1,1-Dichloroethene	1.80	96	62	1.203	ug/l #	1
13) Acrolein	2.00	56	329	125.027	ug/l #	1
14) Allyl chloride	2.10	41	582	10.576	ug/l #	21
15) Acrylonitrile	2.92	53	59	7.667	ug/l #	14
16) Acetone	2.26	43	433	51.729	ug/l	97
18) Methyl Acetate	2.34	43	1305	65.358	ug/l #	56
21) trans-1,2-Dichloroethene	2.34	96	70	1.412	ug/l #	1
22) Diisopropyl ether	2.78	45	351	2.433	ug/l #	1
23) Vinyl Acetate	3.20	43	259	4.385	ug/l #	76
24) 1,1-Dichloroethane	2.86	63	95	1.098	ug/l #	1
25) 2-Butanone	4.32	43	172	9.843	ug/l #	55
26) 2,2-Dichloropropane	3.47	77	66	1.881	ug/l #	56
27) cis-1,2-Dichloroethene	3.45	96	73	1.111	ug/l	1
29) Tetrahydrofuran	4.09	42	153	20.138	ug/l #	33
37) Ethyl Acetate	4.13	43	80	3.820	ug/l #	24
41) Methacrylonitrile	4.76	41	70	6.317	ug/l #	24
43) Isopropyl Acetate	6.91	43	72	2.839	ug/l #	42
48) Methyl methacrylate	6.70	41	67	4.640	ug/l #	14
51) 4-Methyl-2-Pentanone	8.11	43	73	4.300	ug/l #	33
56) Ethyl methacrylate	8.48	69	69	2.737	ug/l #	29
59) 2-Hexanone	9.46	43	181	14.548	ug/l #	22
67) Ethyl Benzene	9.91	91	64	1.055	ug/l #	45
74) N-amyl acetate	11.42	43	167	30.553	ug/l #	43
76) 1,2,3-Trichloropropane	11.91	75	62	22.367	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.91	75	62	54.892	ug/l #	23
86) p-Isopropyltoluene	12.59	119	59	2.665	ug/l #	50
89) n-Butylbenzene	12.90	91	68	3.220	ug/l #	27

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

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