

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062067.D
 Acq On : 21 Mar 2019 18:21
 Operator : VA/AP
 Sample : K2010-01
 Misc : 4.80µ/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 22 08:09:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	1437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	1534	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	752	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	70	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	4.15	113	388	37.67	ug/l	0.04
Spiked Amount	50.000		Recovery	=	75.34%	
50) Toluene-d8	7.58	98	1551	51.51	ug/l	0.03
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.43	95	77	6.44	ug/l	0.03
Spiked Amount	50.000		Recovery	=	12.88%	

Target Compounds

						Qvalue
3) Chloromethane	1.09	50	76	4.882	ug/l #	46
4) Vinyl Chloride	1.17	62	65	4.317	ug/l #	40
5) Bromomethane	1.32	94	263	24.866	ug/l #	3
6) Chloroethane	1.35	64	66	8.491	ug/l #	1
8) Diethyl Ether	1.62	74	66	14.884	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	1.96	101	65	4.625	ug/l #	18
11) Tert butyl alcohol	2.50	59	60	94.792	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	85	7.008	ug/l #	1
13) Acrolein	2.16	56	166	242.938	ug/l	92
14) Allyl chloride	2.09	41	200	12.919	ug/l #	17
15) Acrylonitrile	2.93	53	167	86.762	ug/l #	73
16) Acetone	2.34	43	198	85.242	ug/l	96
18) Methyl Acetate	2.34	43	198	37.615	ug/l #	53
19) Methyl tert-butyl Ether	2.53	73	83	3.777	ug/l #	58
20) Methylene Chloride	2.20	84	145	11.964	ug/l #	3
21) trans-1,2-Dichloroethene	2.32	96	168	13.274	ug/l #	1
22) Diisopropyl ether	2.84	45	512	13.749	ug/l #	35
23) Vinyl Acetate	3.20	43	322	21.935	ug/l #	77
24) 1,1-Dichloroethane	2.81	63	77	3.556	ug/l #	86
25) 2-Butanone	4.33	43	88	19.129	ug/l #	51
26) 2,2-Dichloropropane	3.64	77	61	5.973	ug/l #	54
27) cis-1,2-Dichloroethene	3.42	96	130	8.149	ug/l	1
28) Bromochloromethane	3.55	49	60	6.678	ug/l #	7
29) Tetrahydrofuran	4.11	42	60	29.991	ug/l #	33
31) Cyclohexane	3.52	56	75	3.506	ug/l #	16
32) 1,1,1-Trichloroethane	4.11	97	82	5.033	ug/l #	23
37) Ethyl Acetate	4.15	43	168	27.010	ug/l #	19
41) Methacrylonitrile	4.79	41	102	30.693	ug/l #	22
43) Isopropyl Acetate	6.98	43	94	12.773	ug/l #	38
48) Methyl methacrylate	6.73	41	60	12.615	ug/l #	20
51) 4-Methyl-2-Pentanone	8.34	43	95	18.179	ug/l #	36
53) t-1,3-Dichloropropene	8.33	75	72	7.000	ug/l #	43
56) Ethyl methacrylate	8.71	69	76	10.681	ug/l #	24
59) 2-Hexanone	9.45	43	246	65.044	ug/l #	23

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74) N-amyl acetate	11.37	43	72	64.976	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.53	83	69	86.440	ug/l #	22
82) 4-Chlorotoluene	12.04	91	79	24.889	ug/l #	39
89) n-Butylbenzene	12.81	91	73	16.867	ug/l #	27

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

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