

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021519\
 Data File : VF061654.D
 Acq On : 15 Feb 2019 14:17
 Operator : VA/AP
 Sample : K1502-01RE
 Misc : 7.44g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RO-1-4RE

Quant Time: Feb 16 03:30:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	4277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	5229	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	2789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.58	152	416	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.87	65	434	13.84	ug/l	0.01
Spiked Amount	50.000		Recovery	=	27.68%	
35) Dibromofluoromethane	4.14	113	835	21.50	ug/l	0.02
Spiked Amount	50.000		Recovery	=	43.00%	
50) Toluene-d8	7.58	98	3463	31.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	62.04%	
62) 4-Bromofluorobenzene	11.43	95	783	17.34	ug/l	0.01
Spiked Amount	50.000		Recovery	=	34.68%	

Target Compounds

						Qvalue
3) Chloromethane	1.07	50	107	2.076	ug/l #	42
5) Bromomethane	1.31	94	268	8.128	ug/l #	3
6) Chloroethane	1.49	64	65	2.753	ug/l #	40
8) Diethyl Ether	1.63	74	67	4.601	ug/l	94
11) Tert butyl alcohol	2.67	59	80	44.074	ug/l #	63
12) 1,1-Dichloroethene	1.78	96	272	7.422	ug/l #	1
13) Acrolein	2.00	56	328	143.777	ug/l #	1
14) Allyl chloride	2.11	41	577	12.830	ug/l #	56
15) Acrylonitrile	2.95	53	96	14.911	ug/l #	1
16) Acetone	2.26	43	623	92.580	ug/l #	46
18) Methyl Acetate	2.35	43	628	41.426	ug/l #	59
19) Methyl tert-butyl Ether	2.41	73	131	2.091	ug/l #	1
20) Methylene Chloride	2.18	84	224	3.887	ug/l #	1
21) trans-1,2-Dichloroethene	2.20	96	165	4.141	ug/l #	1
22) Diisopropyl ether	2.82	45	408	3.779	ug/l #	23
23) Vinyl Acetate	3.19	43	966	18.320	ug/l #	74
24) 1,1-Dichloroethane	2.91	63	127	1.944	ug/l #	86
25) 2-Butanone	4.35	43	256	17.416	ug/l #	55
26) 2,2-Dichloropropane	3.61	77	60	2.168	ug/l #	52
27) cis-1,2-Dichloroethene	3.45	96	76	1.453	ug/l	1
28) Bromochloromethane	3.60	49	63	2.010	ug/l #	3
29) Tetrahydrofuran	4.06	42	79	11.825	ug/l #	33
31) Cyclohexane	3.71	56	180	2.545	ug/l #	16
36) 1,1-Dichloropropene	4.15	75	344	6.641	ug/l #	37
37) Ethyl Acetate	4.14	43	368	15.295	ug/l #	30
41) Methacrylonitrile	4.77	41	289	23.488	ug/l #	45
43) Isopropyl Acetate	6.97	43	201	7.058	ug/l #	43
45) 1,2-Dichloropropane	6.27	63	64	1.954	ug/l #	44
48) Methyl methacrylate	6.73	41	74	4.318	ug/l #	17
51) 4-Methyl-2-Pentanone	8.27	43	125	6.143	ug/l #	34
53) t-1,3-Dichloropropene	8.15	75	64	1.741	ug/l #	42
56) Ethyl methacrylate	8.74	69	60	2.232	ug/l #	26
59) 2-Hexanone	9.54	43	64	4.487	ug/l #	23
74) N-amyl acetate	11.40	43	186	26.163	ug/l #	44

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75) 1,1,2,2-Tetrachloroethane	11.68	83	93	17.527	ug/l #	26
76) 1,2,3-Trichloropropane	11.75	75	73	20.235	ug/l #	42
78) n-propylbenzene	11.63	91	125	3.678	ug/l #	51
79) 2-Chlorotoluene	11.68	91	454	23.851	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.85	75	80	46.255	ug/l #	21
82) 4-Chlorotoluene	11.94	91	60	3.037	ug/l #	37
86) p-Isopropyltoluene	12.48	119	68	2.390	ug/l #	50
90) Hexachloroethane	13.04	117	67	10.124	ug/l #	13
95) Naphthalene	14.47	128	159	9.344	ug/l #	69

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

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