

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061520.D
 Acq On : 25 Jan 2019 14:54
 Operator : VA/AP
 Sample : K1233-02
 Misc : 4.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-20035

Quant Time: Jan 28 00:08:31 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	4.88	168	4682	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	7043	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	4482	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	1508	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.87	65	1058	18.30	ug/l	0.03
Spiked Amount			Recovery	=	36.60%	
35) Dibromofluoromethane	4.12	113	1307	23.52	ug/l	0.01
Spiked Amount			Recovery	=	47.04%	
50) Toluene-d8	7.55	98	5176	33.99	ug/l	0.00
Spiked Amount			Recovery	=	67.98%	
62) 4-Bromofluorobenzene	11.42	95	1285	18.06	ug/l	0.01
Spiked Amount			Recovery	=	36.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	88	1.305	ug/l #	1
4) Vinyl Chloride	1.15	62	61	1.017	ug/l #	43
5) Bromomethane	1.35	94	705	18.018	ug/l #	47
6) Chloroethane	1.35	64	134	5.040	ug/l #	41
8) Diethyl Ether	1.61	74	137	9.166	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	1.89	101	73	1.302	ug/l #	20
11) Tert butyl alcohol	2.65	59	73	29.835	ug/l #	64
12) 1,1-Dichloroethene	1.82	96	73	1.753	ug/l #	1
13) Acrolein	1.94	56	358	173.180	ug/l	94
14) Allyl chloride	2.13	41	343	Below Cal	#	72
15) Acrylonitrile	2.95	53	117	18.668	ug/l #	48
16) Acetone	2.24	43	408	35.183	ug/l #	61
18) Methyl Acetate	2.30	43	909	39.526	ug/l #	61
20) Methylene Chloride	2.17	84	595	13.844	ug/l #	68
21) trans-1,2-Dichloroethene	2.27	96	73	1.593	ug/l #	1
22) Diisopropyl ether	2.79	45	288	1.943	ug/l #	14
23) Vinyl Acetate	3.18	43	494	10.676	ug/l #	78
24) 1,1-Dichloroethane	2.81	63	102	1.097	ug/l #	85
25) 2-Butanone	4.37	43	76	3.941	ug/l #	57
26) 2,2-Dichloropropane	3.68	77	69	1.208	ug/l #	61
29) Tetrahydrofuran	4.07	42	132	15.897	ug/l #	38
37) Ethyl Acetate	4.07	43	219	6.709	ug/l #	5
41) Methacrylonitrile	4.72	41	181	10.421	ug/l #	49
43) Isopropyl Acetate	6.95	43	61	1.489	ug/l #	51
45) 1,2-Dichloropropane	6.26	63	60	1.258	ug/l #	44
48) Methyl methacrylate	6.71	41	110	3.999	ug/l #	19
51) 4-Methyl-2-Pentanone	8.26	43	73	2.424	ug/l #	39
53) t-1,3-Dichloropropene	8.43	75	65	1.043	ug/l #	44
55) 1,1,2-Trichloroethane	8.34	97	62	1.825	ug/l #	14
56) Ethyl methacrylate	8.50	69	113	2.858	ug/l #	21
59) 2-Hexanone	9.50	43	165	7.856	ug/l #	26
68) m/p-Xylenes	10.07	106	65	1.085	ug/l #	1
74) N-amyl acetate	11.37	43	85	2.931	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.57	83	62	2.838	ug/l #	24

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.79	117	79	2.934	ug/l #	22
96) 1,2,3-Trichlorobenzene	14.61	180	90	2.864	ug/l #	13

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

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