

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060054.D
 Acq On : 23 Aug 2018 15:42
 Operator : VA/AP
 Sample : J4276-03RE
 Misc : 6.29g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-082118RE

Quant Time: Aug 24 03:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	2392	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	2455	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	1040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	282	8.61	ug/l	-0.01
Spiked Amount						
			Recovery	=		17.22%
35) Dibromofluoromethane	4.30	113	623	32.32	ug/l	0.00
Spiked Amount						
			Recovery	=		64.64%
50) Toluene-d8	7.72	98	1873	34.21	ug/l	0.00
Spiked Amount						
			Recovery	=		68.42%
62) 4-Bromofluorobenzene	11.42	95	62	2.14	ug/l	-0.09
Spiked Amount						
			Recovery	=		4.28%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	222	7.73	ug/l #	40
4) Vinyl Chloride	1.17	62	75	3.84	ug/l #	1
6) Chloroethane	1.40	64	1398	181.38	ug/l #	45
10) Methyl Iodide	1.97	142	70	2.57	ug/l #	26
11) Tert butyl alcohol	2.64	59	69	39.62	ug/l #	80
12) 1,1-Dichloroethene	1.91	96	60	3.95	ug/l #	1
14) Allyl chloride	2.22	41	217	8.04	ug/l #	36
15) Acrylonitrile	3.14	53	60	17.46	ug/l #	11
16) Acetone	2.30	43	64	7.44	ug/l #	63
18) Methyl Acetate	2.50	43	124	4.71	ug/l #	60
20) Methylene Chloride	2.41	84	70	Below Cal	#	1
23) Vinyl Acetate	3.37	43	62	1.94	ug/l #	80
25) 2-Butanone	4.45	43	61	5.46	ug/l #	58
28) Bromochloromethane	3.98	49	82	5.20	ug/l #	4
29) Tetrahydrofuran	4.30	42	62	14.69	ug/l #	37
31) Cyclohexane	3.88	56	65	2.28	ug/l #	14
32) 1,1,1-Trichloroethane	4.26	97	60	1.34	ug/l #	23
37) Ethyl Acetate	4.31	43	121	8.77	ug/l #	1
38) Carbon Tetrachloride	4.18	117	71	2.66	ug/l #	12
40) Benzene	4.85	78	65	1.29	ug/l #	51
41) Methacrylonitrile	4.95	41	135	19.34	ug/l #	23
43) Isopropyl Acetate	6.89	43	145	8.35	ug/l #	45
45) 1,2-Dichloropropane	6.37	63	74	5.19	ug/l #	45
48) Methyl methacrylate	6.86	41	146	12.71	ug/l #	15
53) t-1,3-Dichloropropene	8.45	75	77	3.15	ug/l #	40
59) 2-Hexanone	9.69	43	98	8.07	ug/l #	30
68) m/p-Xylenes	10.25	106	76	Below Cal	#	1

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

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