

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061039.D
 Acq On : 17 Dec 2018 14:16
 Operator : VA/AP
 Sample : J6429-01RE
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONESRE

Quant Time: Dec 18 03:07:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	7889	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.62	114	11242	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	8668	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	3137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	2189	23.55	ug/l	-0.02
Spiked Amount			Recovery	=	47.10%	
35) Dibromofluoromethane	4.13	113	3324	37.27	ug/l	-0.02
Spiked Amount			Recovery	=	74.54%	
50) Toluene-d8	7.57	98	10718	40.80	ug/l	-0.03
Spiked Amount			Recovery	=	81.60%	
62) 4-Bromofluorobenzene	11.43	95	3585	30.03	ug/l	0.00
Spiked Amount			Recovery	=	60.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	141	1.837	ug/l #	41
5) Bromomethane	1.18	94	357	7.071	ug/l	100
6) Chloroethane	1.34	64	77	2.488	ug/l #	1
8) Diethyl Ether	1.60	74	77	3.486	ug/l	60
11) Tert butyl alcohol	2.58	59	67	17.587	ug/l #	1
12) 1,1-Dichloroethene	1.77	96	105	1.681	ug/l #	1
13) Acrolein	2.03	56	704	195.041	ug/l	100
14) Allyl chloride	2.12	41	356	4.572	ug/l #	72
15) Acrylonitrile	2.96	53	521	61.001	ug/l #	35
16) Acetone	2.28	43	473	27.600	ug/l	99
18) Methyl Acetate	2.19	43	297	8.975	ug/l	99
19) Methyl tert-butyl Ether	2.42	73	169	1.201	ug/l #	58
20) Methylene Chloride	2.22	84	331	5.265	ug/l #	15
21) trans-1,2-Dichloroethene	2.39	96	140	2.325	ug/l #	1
22) Diisopropyl ether	2.81	45	724	3.416	ug/l #	39
23) Vinyl Acetate	3.20	43	1277	13.182	ug/l #	80
25) 2-Butanone	4.35	43	674	22.738	ug/l #	57
28) Bromochloromethane	3.73	49	76	1.256	ug/l #	11
29) Tetrahydrofuran	4.08	42	71	5.651	ug/l #	37
37) Ethyl Acetate	4.11	43	392	7.736	ug/l #	14
39) Methylcyclohexane	5.61	83	137	1.048	ug/l #	67
41) Methacrylonitrile	4.77	41	350	10.257	ug/l #	43
48) Methyl methacrylate	6.77	41	92	2.006	ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	763	16.329	ug/l #	38
58) 2-Chloroethyl Vinyl ether	7.43	63	99	15.453	ug/l #	46
59) 2-Hexanone	9.50	43	282	8.602	ug/l #	27
74) N-amyl acetate	11.41	43	710	12.403	ug/l #	41
76) 1,2,3-Trichloropropane	11.78	75	144	4.856	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.84	105	235	1.168	ug/l #	26
81) trans-1,4-Dichloro-2-buten	11.78	75	144	9.910	ug/l #	16
84) 1,2,4-Trimethylbenzene	12.22	105	938	4.670	ug/l	99
89) n-Butylbenzene	12.85	91	266	1.118	ug/l #	80
90) Hexachloroethane	12.93	117	61	1.077	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	13.66	75	149	18.889	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
95) Naphthalene	14.48	128	368	Below Cal	# 69
96) 1,2,3-Trichlorobenzene	14.62	180	73	1.149 ug/l	# 83

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

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