

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061083.D
 Acq On : 19 Dec 2018 14:19
 Operator : VA/AP
 Sample : J6388-05
 Misc : 7.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS008-1824-01

Quant Time: Dec 20 02:22:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	16343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	24080	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	13566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	3169	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	3923	18.66	ug/l	0.00
Spiked Amount			Recovery	=	37.32%	
35) Dibromofluoromethane	4.11	113	5352	27.75	ug/l	0.00
Spiked Amount			Recovery	=	55.50%	
50) Toluene-d8	7.56	98	16245	29.72	ug/l	0.00
Spiked Amount			Recovery	=	59.44%	
62) 4-Bromofluorobenzene	11.41	95	3698	14.67	ug/l	0.00
Spiked Amount			Recovery	=	29.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.31	94	141	1.053	ug/l #	3
8) Diethyl Ether	1.63	74	120	2.377	ug/l	74
11) Tert butyl alcohol	2.58	59	151	17.802	ug/l #	65
13) Acrolein	2.01	56	658	107.353	ug/l	95
14) Allyl chloride	2.06	41	560	3.735	ug/l #	40
15) Acrylonitrile	2.92	53	397	20.240	ug/l #	35
16) Acetone	2.11	43	781	18.586	ug/l	95
18) Methyl Acetate	2.34	43	670	7.707	ug/l #	66
20) Methylene Chloride	2.25	84	201	Below Cal	#	1
22) Diisopropyl ether	2.81	45	1415	2.833	ug/l #	1
23) Vinyl Acetate	3.17	43	359	1.558	ug/l #	78
25) 2-Butanone	4.30	43	352	5.165	ug/l #	57
29) Tetrahydrofuran	4.06	42	303	10.924	ug/l #	37
37) Ethyl Acetate	4.13	43	295	2.092	ug/l #	21
41) Methacrylonitrile	4.76	41	213	3.470	ug/l #	44
48) Methyl methacrylate	6.72	41	232	2.368	ug/l #	77
49) 1,4-Dioxane	6.70	88	93	130.817	ug/l #	23
51) 4-Methyl-2-Pentanone	8.26	43	160	1.662	ug/l #	38
55) 1,1,2-Trichloroethane	8.47	97	143	1.153	ug/l #	12
58) 2-Chloroethyl Vinyl ether	7.28	63	66	2.560	ug/l #	50
59) 2-Hexanone	9.48	43	376	5.402	ug/l #	27
70) Styrene	10.84	104	65	Below Cal	#	25
74) N-amyl acetate	11.39	43	417	6.878	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.80	83	64	1.412	ug/l #	23
82) 4-Chlorotoluene	12.01	91	287	1.481	ug/l #	43
93) 1,2,4-Trichlorobenzene	14.16	180	80	1.073	ug/l #	12

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

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