

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061930.D
 Acq On : 13 Mar 2019 16:27
 Operator : VA/AP
 Sample : K1870-05
 Misc : 3.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-2

Quant Time: Mar 14 01:16:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	10033	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	11638	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	7211	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	2126	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	1668	22.83	ug/l	-0.03
Spiked Amount			Recovery	=	45.66%	
35) Dibromofluoromethane	4.10	113	3394	41.79	ug/l	-0.02
Spiked Amount			Recovery	=	83.58%	
50) Toluene-d8	7.54	98	11566	47.91	ug/l	-0.02
Spiked Amount			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.40	95	2700	28.55	ug/l	-0.02
Spiked Amount			Recovery	=	57.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.15	62	127	1.121	ug/l #	1
5) Bromomethane	1.32	94	731	9.465	ug/l #	3
6) Chloroethane	1.39	64	65	1.207	ug/l #	41
8) Diethyl Ether	1.71	74	143	4.544	ug/l	99
12) 1,1-Dichloroethene	1.79	96	145	1.690	ug/l #	1
13) Acrolein	2.01	56	175	33.303	ug/l #	1
14) Allyl chloride	2.10	41	467	4.940	ug/l #	20
15) Acrylonitrile	2.94	53	312	23.627	ug/l #	16
16) Acetone	2.20	43	1245	81.346	ug/l #	50
18) Methyl Acetate	2.36	43	1018	34.958	ug/l #	62
20) Methylene Chloride	2.18	84	270	Below Cal	#	57
21) trans-1,2-Dichloroethene	2.30	96	173	2.142	ug/l #	1
22) Diisopropyl ether	2.78	45	934	3.798	ug/l #	43
23) Vinyl Acetate	3.16	43	453	4.124	ug/l #	76
25) 2-Butanone	4.33	43	377	12.110	ug/l #	56
29) Tetrahydrofuran	4.05	42	61	4.543	ug/l #	33
37) Ethyl Acetate	4.08	43	583	12.635	ug/l #	20
41) Methacrylonitrile	4.71	41	154	6.091	ug/l #	24
43) Isopropyl Acetate	6.94	43	131	2.303	ug/l #	42
48) Methyl methacrylate	6.69	41	120	3.334	ug/l #	18
51) 4-Methyl-2-Pentanone	8.26	43	81	2.060	ug/l #	35
52) Toluene	7.59	92	227	1.335	ug/l #	28
55) 1,1,2-Trichloroethane	8.30	97	81	1.654	ug/l #	15
56) Ethyl methacrylate	8.62	69	85	1.540	ug/l #	24
58) 2-Chloroethyl Vinyl ether	7.22	63	60	6.871	ug/l #	44
59) 2-Hexanone	9.45	43	72	2.539	ug/l #	22
74) N-amyl acetate	11.38	43	277	8.221	ug/l #	42
82) 4-Chlorotoluene	11.94	91	125	1.293	ug/l #	41
93) 1,2,4-Trichlorobenzene	14.19	180	65	1.463	ug/l #	11
96) 1,2,3-Trichlorobenzene	14.60	180	60	1.463	ug/l #	10

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

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