

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061032.D
 Acq On : 14 Dec 2018 21:01
 Operator : VA/AP
 Sample : J6403-57RE
 Misc : 5.66g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8-ARE

Quant Time: Dec 15 00:09:13 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	4.87	168	4680	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	5902	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	4200	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	1197	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	978	17.74	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	35.48%	
35) Dibromofluoromethane	4.10	113	1671	35.69	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	71.38%	
50) Toluene-d8	7.55	98	6452	46.78	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.41	95	1734	27.66	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	55.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	256	5.622	ug/l #	41
4) Vinyl Chloride	1.21	62	119	2.802	ug/l #	42
5) Bromomethane	1.42	94	808	26.979	ug/l	84
6) Chloroethane	1.29	64	63	3.431	ug/l #	1
8) Diethyl Ether	1.64	74	63	4.808	ug/l	96
11) Tert butyl alcohol	2.64	59	80	35.398	ug/l #	1
12) 1,1-Dichloroethene	1.80	96	92	2.483	ug/l #	1
13) Acrolein	2.04	56	757	353.529	ug/l	83
14) Allyl chloride	2.10	41	459	9.938	ug/l #	68
15) Acrylonitrile	2.94	53	281	55.460	ug/l #	11
16) Acetone	2.38	43	536	52.721	ug/l	98
18) Methyl Acetate	2.32	43	1393	82.752	ug/l #	61
19) Methyl tert-butyl Ether	2.43	73	146	1.749	ug/l #	1
20) Methylene Chloride	2.23	84	106	2.842	ug/l #	10
21) trans-1,2-Dichloroethene	2.30	96	90	2.519	ug/l #	1
22) Diisopropyl ether	2.78	45	708	5.631	ug/l #	45
23) Vinyl Acetate	3.15	43	163	2.836	ug/l #	80
24) 1,1-Dichloroethane	2.76	63	175	2.340	ug/l #	86
25) 2-Butanone	4.33	43	320	18.198	ug/l #	57
26) 2,2-Dichloropropane	3.59	77	134	2.763	ug/l #	60
29) Tetrahydrofuran	4.08	42	359	48.163	ug/l #	37
31) Cyclohexane	3.69	56	249	3.208	ug/l #	15
36) 1,1-Dichloropropene	4.30	75	69	1.054	ug/l #	44
37) Ethyl Acetate	4.15	43	527	19.810	ug/l #	14
41) Methacrylonitrile	4.75	41	451	31.293	ug/l #	45
43) Isopropyl Acetate	6.91	43	291	6.500	ug/l #	49
47) Bromodichloromethane	6.46	83	81	1.197	ug/l #	25
48) Methyl methacrylate	6.70	41	526	21.844	ug/l #	18
51) 4-Methyl-2-Pentanone	8.22	43	102	4.158	ug/l #	38
52) Toluene	7.63	92	1554	15.298	ug/l #	73
56) Ethyl methacrylate	8.63	69	62	1.886	ug/l #	1
57) 1,3-Dichloropropane	8.68	76	88	1.699	ug/l #	41
59) 2-Hexanone	9.43	43	204	11.853	ug/l #	27
61) 1,2-Dibromoethane	8.97	107	123	3.847	ug/l #	4

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,1,1,2-Tetrachloroethane	10.10	131	75	2.135	ug/l #	10
74) N-amyl acetate	11.44	43	72	3.296	ug/l #	45
76) 1,2,3-Trichloropropane	11.72	75	81	7.158	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.72	75	81	14.609	ug/l #	16
90) Hexachloroethane	12.96	117	60	2.775	ug/l #	25
95) Naphthalene	14.45	128	595	8.866	ug/l #	69

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

