

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061146.D
 Acq On : 22 Dec 2018 15:59
 Operator : VA/AP
 Sample : J6192-03RE
 Misc : 7.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-01-122018RE

Quant Time: Dec 24 02:57:04 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	4.89	168	2146	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	3193	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	1350	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	276	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.88	65	653	23.66	ug/l	0.04
Spiked Amount	50.000		Recovery	=	47.32%	
35) Dibromofluoromethane	4.14	113	1223	47.81	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	7.59	98	3980	54.91	ug/l	0.03
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	11.43	95	620	18.55	ug/l	0.02
Spiked Amount	50.000		Recovery	=	37.10%	

Target Compounds

						Qvalue
3) Chloromethane	1.13	50	164	6.002	ug/l #	42
4) Vinyl Chloride	1.15	62	73	2.880	ug/l #	37
5) Bromomethane	1.34	94	749	42.600	ug/l #	48
8) Diethyl Ether	1.76	74	95	14.333	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	1.76	101	65	2.590	ug/l #	21
11) Tert butyl alcohol	2.69	59	62	55.664	ug/l #	1
12) 1,1-Dichloroethene	1.85	96	133	7.031	ug/l #	1
13) Acrolein	2.07	56	658	817.551	ug/l	96
14) Allyl chloride	2.05	41	741	37.641	ug/l #	41
15) Acrylonitrile	2.92	53	903	350.599	ug/l #	34
16) Acetone	2.18	43	2030	367.901	ug/l	97
17) Carbon Disulfide	1.97	76	102	1.784	ug/l #	1
18) Methyl Acetate	2.38	43	1161	101.701	ug/l #	66
19) Methyl tert-butyl Ether	2.53	73	349	8.312	ug/l #	18
20) Methylene Chloride	2.21	84	186	6.655	ug/l #	12
21) trans-1,2-Dichloroethene	2.32	96	385	19.029	ug/l #	1
22) Diisopropyl ether	2.79	45	907	13.832	ug/l #	30
23) Vinyl Acetate	3.21	43	478	15.801	ug/l #	78
24) 1,1-Dichloroethane	2.85	63	304	7.824	ug/l #	88
25) 2-Butanone	4.37	43	283	31.624	ug/l #	57
26) 2,2-Dichloropropane	3.68	77	81	3.633	ug/l #	62
27) cis-1,2-Dichloroethene	3.48	96	72	2.324	ug/l	1
28) Bromochloromethane	3.82	49	63	3.196	ug/l #	10
29) Tetrahydrofuran	4.06	42	208	57.107	ug/l #	37
31) Cyclohexane	3.73	56	62	1.538	ug/l #	15
32) 1,1,1-Trichloroethane	4.22	97	74	2.119	ug/l #	23
36) 1,1-Dichloropropene	4.28	75	96	2.491	ug/l #	43
37) Ethyl Acetate	4.12	43	120	6.833	ug/l #	21
39) Methylcyclohexane	5.60	83	68	1.967	ug/l #	7
41) Methacrylonitrile	4.78	41	253	31.083	ug/l #	27
43) Isopropyl Acetate	6.97	43	82	4.406	ug/l #	45
48) Methyl methacrylate	6.75	41	102	7.851	ug/l #	19
51) 4-Methyl-2-Pentanone	8.29	43	355	27.815	ug/l #	38
52) Toluene	7.67	92	156	2.843	ug/l #	57

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54) cis-1,3-Dichloropropene	7.40	75	76	1.975	ug/l #	27
59) 2-Hexanone	9.54	43	353	38.245	ug/l #	27
61) 1,2-Dibromoethane	8.95	107	59	3.359	ug/l #	4
67) Ethyl Benzene	10.02	91	79	1.555	ug/l #	47
74) N-amyl acetate	11.35	43	139	26.323	ug/l #	46
77) Bromobenzene	11.51	156	65	12.695	ug/l #	1
80) 1,3,5-Trimethylbenzene	11.68	105	61	3.115	ug/l #	27
82) 4-Chlorotoluene	12.01	91	92	5.451	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.23	105	137	7.015	ug/l #	29
85) sec-Butylbenzene	12.35	105	145	5.513	ug/l #	58
86) p-Isopropyltoluene	12.46	119	73	3.344	ug/l #	9
87) 1,3-Dichlorobenzene	12.50	146	90	6.042	ug/l #	25
88) 1,4-Dichlorobenzene	12.50	146	90	9.573	ug/l #	25
89) n-Butylbenzene	12.87	91	86	3.474	ug/l #	26

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

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