

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121818\
 Data File : VF061062.D
 Acq On : 18 Dec 2018 14:58
 Operator : VA/AP
 Sample : J6464-04RE
 Misc : 5.1g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VB16202RE

Quant Time: Dec 19 00:51:08 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	4648	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	6245	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	4303	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	1235	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	983	17.95	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	35.90%	
35) Dibromofluoromethane	4.11	113	1500	30.28	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	60.56%	
50) Toluene-d8	7.56	98	5587	38.28	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	76.56%	
62) 4-Bromofluorobenzene	11.41	95	1489	22.45	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	44.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	151	3.339	ug/l #	41
4) Vinyl Chloride	1.05	62	98	2.323	ug/l #	42
5) Bromomethane	1.30	94	164	5.514	ug/l	87
6) Chloroethane	1.35	64	88	4.826	ug/l #	1
8) Diethyl Ether	1.61	74	183	14.061	ug/l #	28
11) Tert butyl alcohol	2.45	59	62	27.623	ug/l #	62
12) 1,1-Dichloroethene	1.80	96	131	3.559	ug/l #	1
13) Acrolein	2.02	56	278	130.723	ug/l	96
14) Allyl chloride	2.10	41	462	10.072	ug/l #	59
15) Acrylonitrile	2.94	53	215	42.726	ug/l #	1
16) Acetone	2.24	43	994	98.444	ug/l #	65
18) Methyl Acetate	2.44	43	583	33.884	ug/l	93
19) Methyl tert-butyl Ether	2.45	73	144	1.737	ug/l #	58
20) Methylene Chloride	2.24	84	63	1.701	ug/l #	1
21) trans-1,2-Dichloroethene	2.34	96	272	7.666	ug/l #	1
22) Diisopropyl ether	2.79	45	254	2.034	ug/l #	10
23) Vinyl Acetate	3.18	43	657	11.511	ug/l #	80
24) 1,1-Dichloroethane	2.92	63	283	3.809	ug/l #	16
25) 2-Butanone	4.31	43	266	15.231	ug/l #	57
26) 2,2-Dichloropropane	3.59	77	122	2.533	ug/l #	60
27) cis-1,2-Dichloroethene	3.44	96	65	1.125	ug/l	1
28) Bromochloromethane	3.61	49	66	1.851	ug/l #	11
29) Tetrahydrofuran	4.08	42	382	51.601	ug/l #	55
37) Ethyl Acetate	4.12	43	575	20.427	ug/l #	14
41) Methacrylonitrile	4.73	41	417	26.814	ug/l #	40
43) Isopropyl Acetate	6.96	43	61	Below Cal	#	49
48) Methyl methacrylate	6.67	41	215	8.438	ug/l #	7
49) 1,4-Dioxane	6.26	88	65	348.572	ug/l #	20
51) 4-Methyl-2-Pentanone	8.23	43	172	6.626	ug/l #	38
52) Toluene	7.63	92	813	7.564	ug/l #	30
53) t-1,3-Dichloropropene	8.31	75	78	1.339	ug/l #	40
55) 1,1,2-Trichloroethane	8.59	97	76	2.427	ug/l #	15
56) Ethyl methacrylate	8.65	69	79	2.271	ug/l #	17
58) 2-Chloroethyl Vinyl ether	7.17	63	91	25.570	ug/l #	46

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59) 2-Hexanone	9.51	43	185	10.159	ug/l	84
60) Dibromochloromethane	8.72	129	66	1.414	ug/l #	12
74) N-amyl acetate	11.38	43	385	17.083	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.64	83	82	5.105	ug/l #	25
76) 1,2,3-Trichloropropane	11.86	75	98	8.394	ug/l #	38
79) 2-Chlorotoluene	11.66	91	107	1.633	ug/l #	43
81) trans-1,4-Dichloro-2-buten	11.86	75	98	17.132	ug/l #	16
82) 4-Chlorotoluene	12.06	91	70	1.015	ug/l #	45
89) n-Butylbenzene	12.84	91	178	1.900	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.63	75	77	24.795	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.17	180	80	2.971	ug/l #	11
95) Naphthalene	14.46	128	837	13.456	ug/l #	69

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

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