

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059712.D
 Acq On : 31 Jul 2018 16:34
 Operator : VA/AP
 Sample : J4140-08
 Misc : 6.49g/5mL/MSVOA F/SOIL
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(130-132)

Quant Time: Jul 31 16:57:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	4696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	6369	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	3060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	2251	26.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	53.34%	
35) Dibromofluoromethane	4.29	113	3162	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	7.71	98	6500	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	
62) 4-Bromofluorobenzene	11.50	95	1083	12.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.36%	

Target Compounds

					Qvalue	
3) Chloromethane	1.09	50	208	3.001	ug/l #	38
4) Vinyl Chloride	1.05	62	62	Below Cal	#	47
6) Chloroethane	1.28	64	75	Below Cal	#	35
8) Diethyl Ether	1.69	74	67	4.468	ug/l	81
12) 1,1-Dichloroethene	1.84	96	66	1.815	ug/l #	1
14) Allyl chloride	2.18	41	80	1.378	ug/l #	57
15) Acrylonitrile	3.04	53	75	13.813	ug/l #	17
16) Acetone	2.31	43	288	18.972	ug/l #	68
17) Carbon Disulfide	1.86	76	88	Below Cal	#	71
18) Methyl Acetate	2.51	43	89	Below Cal	#	64
20) Methylene Chloride	2.26	84	64	Below Cal	#	41
21) trans-1,2-Dichloroethene	2.31	96	62	Below Cal	#	1
23) Vinyl Acetate	3.29	43	73	1.156	ug/l #	83
24) 1,1-Dichloroethane	3.00	63	145	1.700	ug/l #	91
25) 2-Butanone	4.52	43	114	6.729	ug/l #	74
26) 2,2-Dichloropropane	3.64	77	68	1.118	ug/l #	66
27) cis-1,2-Dichloroethene	3.58	96	62	1.357	ug/l	1
28) Bromochloromethane	3.86	49	67	Below Cal	#	15
29) Tetrahydrofuran	4.33	42	108	16.587	ug/l #	39
31) Cyclohexane	3.92	56	67	Below Cal	#	15
37) Ethyl Acetate	4.32	43	78	Below Cal	#	19
39) Methylcyclohexane	5.60	83	70	Below Cal	#	74
41) Methacrylonitrile	4.90	41	99	3.567	ug/l #	24
43) Isopropyl Acetate	7.09	43	68	1.786	ug/l #	46
46) Dibromomethane	6.14	93	59	1.830	ug/l #	8
48) Methyl methacrylate	6.82	41	63	2.199	ug/l #	13
49) 1,4-Dioxane	7.29	88	74	372.466	ug/l #	21
51) 4-Methyl-2-Pentanone	8.38	43	61	2.106	ug/l #	42
56) Ethyl methacrylate	8.69	69	66	1.817	ug/l #	14
57) 1,3-Dichloropropane	8.97	76	61	1.021	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.81	63	60	14.305	ug/l	100
59) 2-Hexanone	9.69	43	157	6.763	ug/l #	30
66) 1,1,1,2-Tetrachloroethane	9.92	131	67	2.344	ug/l #	1
68) m/p-Xylenes	10.30	106	112	Below Cal	#	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	10.91	106	72	1.845	ug/l #	1
74) N-amyl acetate	11.52	43	271	38.702	ug/l #	48
76) 1,2,3-Trichloropropane	11.87	75	73	16.432	ug/l #	39
77) Bromobenzene	11.53	156	60	8.279	ug/l #	1
78) n-propylbenzene	11.77	91	106	Below Cal	#	54
80) 1,3,5-Trimethylbenzene	11.99	105	65	Below Cal	#	31
81) trans-1,4-Dichloro-2-buten	11.87	75	73	39.677	ug/l #	9
82) 4-Chlorotoluene	11.90	91	106	1.662	ug/l #	44
83) tert-Butylbenzene	12.33	119	66	2.649	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	13.70	75	170	133.103	ug/l #	9
96) 1,2,3-Trichlorobenzene	14.74	180	69	6.845	ug/l #	13

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

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