Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
Data File : VF062769.D
Acq On : 28 May 2019 19:17
Operator : FY/SY
Sample : K3072-05
Misc : 6.45g/5mL/MSVOA F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-5

Quant Time: May 29 01:50:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.07	168	84394	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.79	114	97660	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.92	117	57167	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	12809	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.04	65	9783	16.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 32.80%				
35) Dibromofluoromethane	4.33	113	19094	25.55	ug/l		0.02
Spiked Amount 50.000			Recovery = 51.10%				
50) Toluene-d8	7.72	98	69323	38.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.70%				
62) 4-Bromofluorobenzene	11.51	95	12366	18.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 36.54%				
Target Compounds							Qvalue
3) Chloromethane	1.16	50	1142	1.080	ug/l	#	40
5) Bromomethane	1.37	94	1515	2.845	ug/l		86
6) Chloroethane	1.47	64	509	1.424	ug/l	#	1
11) Tert butyl alcohol	2.72	59	698	17.728	ug/l	#	1
13) Acrolein	2.07	56	1205	29.319	ug/l	#	59
14) Allyl chloride	2.21	41	911	1.328	ug/l	#	54
15) Acrylonitrile	3.10	53	419	3.773	ug/l	#	36
16) Acetone	2.51	43	380	2.456	ug/l		96
18) Methyl Acetate	2.56	43	531	2.184	ug/l		95
20) Methylene Chloride	2.31	84	3200	4.126	ug/l	#	73
25) 2-Butanone	4.62	43	1218	3.685	ug/l		93
26) 2,2-Dichloropropane	3.85	77	1054	1.484	ug/l		87
29) Tetrahydrofuran	4.28	42	623	4.657	ug/l	#	72
37) Ethyl Acetate	4.27	43	587	1.437	ug/l	#	8
41) Methacrylonitrile	4.92	41	3363	15.699	ug/l	#	38
43) Isopropyl Acetate	7.11	43	836	1.579	ug/l	#	73
46) Dibromomethane	6.27	93	666	1.675	ug/l	#	3
48) Methyl methacrylate	6.91	41	608	2.197	ug/l	#	48
49) 1,4-Dioxane	6.92	88	64	18.060	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.44	43	1065	2.943	ug/l	#	47
53) t-1,3-Dichloropropene	8.51	75	1458	2.158	ug/l	#	56
58) 2-Chloroethyl Vinyl ether	7.43	63	794	4.837	ug/l	#	22
59) 2-Hexanone	9.58	43	224	Below Cal			97
71) Bromoform	10.90	173	263	1.165	ug/l	#	27
74) N-amyl acetate	11.42	43	1017	Below Cal		#	44
75) 1,1,2,2-Tetrachloroethane	11.73	83	293	1.562	ug/l	#	2
76) 1,2,3-Trichloropropane	11.87	75	610	4.948	ug/l		90
81) trans-1,4-Dichloro-2-buten	11.97	75	107	1.953	ug/l	#	26
90) Hexachloroethane	12.93	117	504	2.487	ug/l	#	20
92) 1,2-Dibromo-3-Chloropropan	13.73	75	606	27.076	ug/l	#	1

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

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