Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
Data File : VW012529.D
Acq On : 03 Sep 2019 05:24
Operator : SY/VA
Sample : K4544-16
Misc : 4.30G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : T16-17-C2-(2.25)

Quant Time: Sep 03 07:47:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	228	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.87	114	129	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.67	117	78	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.58	152	38	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	130	47.96	ug/l	0.02
Spiked Amount 50.000			Recovery = 95.92%			
35) Dibromofluoromethane	7.88	113	185	240.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 480.52%			
50) Toluene-d8	10.33	98	165	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.70%			
62) 4-Bromofluorobenzene	12.64	95	22	19.99	ug/l	0.02
Spiked Amount 50.000			Recovery = 39.98%			
Target Compounds						Qvalue
3) Chloromethane	2.23	50	53	24.368	ug/l #	43
6) Chloroethane	2.92	64	21	13.984	ug/l #	45
8) Diethyl Ether	3.92	74	20	15.763	ug/l #	1
11) Tert butyl alcohol	5.12	59	19	116.487	ug/l #	71
12) 1,1-Dichloroethene	4.19	96	53	23.175	ug/l #	1
13) Acrolein	3.82	56	40	260.523	ug/l #	15
14) Allyl chloride	4.60	41	23	4.704	ug/l #	28
15) Acrylonitrile	5.11	53	22	34.982	ug/l #	17
16) Acetone	4.16	43	51	73.612	ug/l #	47
18) Methyl Acetate	4.74	43	42	24.475	ug/l #	57
19) Methyl tert-butyl Ether	5.24	73	20	5.408	ug/l #	52
22) Diisopropyl ether	6.32	45	23	2.538	ug/l #	36
23) Vinyl Acetate	6.27	43	50	8.965	ug/l #	77
24) 1,1-Dichloroethane	6.13	63	46	9.322	ug/l #	84
25) 2-Butanone	7.20	43	46	48.860	ug/l #	56
27) cis-1,2-Dichloroethene	7.30	96	22	8.396	ug/l #	1
28) Bromochloromethane	7.34	49	38	17.669	ug/l #	24
29) Tetrahydrofuran	7.52	42	19	33.638	ug/l #	42
30) Chloroform	7.62	83	40	8.860	ug/l #	19
31) Cyclohexane	8.23	56	43	8.808	ug/l #	21
37) Ethyl Acetate	7.30	43	19	26.010	ug/l #	73
40) Benzene	8.38	78	512	140.658	ug/l #	51
41) Methacrylonitrile	7.50	41	50	116.458	ug/l #	27
42) 1,2-Dichloroethane	8.55	62	25	21.914	ug/l #	77
43) Isopropyl Acetate	8.46	43	28	20.693	ug/l #	55
45) 1,2-Dichloropropane	9.24	63	21	21.436	ug/l #	43
48) Methyl methacrylate	9.38	41	20	31.055	ug/l #	19
49) 1,4-Dioxane	9.43	88	19	2847.425	ug/l #	14
51) 4-Methyl-2-Pentanone	10.11	43	20	29.060	ug/l #	40
54) cis-1,3-Dichloropropene	9.87	75	33	23.129	ug/l #	28
57) 1,3-Dichloropropane	10.88	76	21	18.020	ug/l #	42
59) 2-Hexanone	10.98	43	47	96.515	ug/l #	28
60) Dibromochloromethane	11.08	129	22	32.028	ug/l #	11
67) Ethyl Benzene	11.56	91	19	6.422	ug/l #	44

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Styrene	12.41	104	21	12.300	ug/l	#	25
74) N-amyl acetate	12.21	43	21	24.411	ug/l	#	47
82) 4-Chlorotoluene	13.18	91	40	19.357	ug/l	#	43
83) tert-Butylbenzene	13.27	119	20	9.923	ug/l	#	24
85) sec-Butylbenzene	13.61	105	22	7.619	ug/l	#	57
86) p-Isopropyltoluene	13.27	119	20	7.756	ug/l	#	50
92) 1,2-Dibromo-3-Chloropropan	14.58	75	25	284.082	ug/l	#	5

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

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