Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 12 00:35:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 00:02:36 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BF6M1

Manual Integrations APPROVED
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11/12/2019 10:44:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	422969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1698627	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	999013	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1775889	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1603725	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1979658	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	17697	1.72	ng/uL	0.00
5) Phenol-d5	6.73	99	335649	8.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	791338	35.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	843907	30.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	593373	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	504766	41.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	544548	42.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	1055936	36.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	952308	29.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	3076472	39.49	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3690622	41.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	89957	6.76	ng/ul	0.01
58) Fluorene-d10	15.20	176	2563969	37.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	279855	27.24	ng/ul	0.00
71) Anthracene-d10	17.05	188	3525924	41.85	ng/ul	0.00
79) Pyrene-d10	19.36	212	3509711	41.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	4249054	40.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	27002	2.456	ng/uL#	1
6) Phenol	6.76	94	124895	3.144	ng/ul#	93
11) 2-Methylphenol	8.00	108	3628439	122.392	ng/ul	100
16) 4-Methylphenol	8.33	108	208661	6.357	ng/ul	91
24) 2,4-Dimethylphenol	9.54	107	12343378m	379.991	ng/ul	
28) Naphthalene	10.37	128	3276517	36.699	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	1595336	23.359	ng/ul	97
41) 1,1'-Biphenyl	13.03	154	100316	1.302	ng/ul	97
45) Dimethylphthalate	13.67	163	283728	3.716	ng/ul	97
48) Acenaphthylene	13.92	152	138400	1.546	ng/ul#	80
50) Acenaphthene	14.27	153	191820	3.020	ng/ul	98
57) Diethylphthalate	15.04	149	1128836	15.068	ng/ul	98
59) Fluorene	15.26	166	130887	1.716	ng/ul#	91
70) Phenanthrene	17.00	178	805055	8.230	ng/ul	95
72) Anthracene	17.09	178	239320m	2.433	ng/ul	
75) Carbazole	17.36	167	102036	1.244	ng/ul#	64
77) Fluoranthene	19.02	202	668697	6.381	ng/ul#	96
80) Pyrene	19.39	202	919693	8.872	ng/ul	98
83) Benzo(a)anthracene	21.14	228	451045	4.264	ng/ul#	85
84) Bis(2-ethylhexyl)phthalate	21.10	149	191931	3.872	ng/ul#	80
85) Chrysene	21.19	228	492688	4.947	ng/ul#	89
88) Benzo(b)fluoranthene	22.68	252	439474	3.482	ng/ul#	47
89) Benzo(k)fluoranthene	22.72	252	139216m	1.145	ng/ul	

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91) Benzo(a)pyrene	23.23	252	299330	2.591	ng/ul#	49
92) Indeno(1,2,3-cd)pyrene	25.48	276	205207	1.661	ng/ul#	86
94) Benzo(g,h,i)perylene	26.14	276	238788	2.385	ng/ul#	90

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

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