Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101817\

Quantitation Report (LSC Reviewed)

Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(5-5.5)-100617

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:00 PM

Quant Time: Jun 23 03:23:04 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	292797	20.00	ng/ul	0.01
18) Naphthalene-d8	10.59	136	1158572	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.45	164	671450	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.20	188	1246552	20.00	ng/ul	0.02
75) Chrysene-d12	21.38	240	1242461	20.00	ng/ul	0.02
83) Perylene-d12	23.71	264	1359264	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	20224	3.28	ng/uL	0.00
5) Phenol-d5	6.97	99	667504	28.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	732892	51.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	439743	21.82	ng/ul	0.02
13) 4-Methylphenol-d8	8.52	113	403585	19.73	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	388799	43.97	ng/ul	0.02
22) 2-Nitrophenol-d4	9.69	143	228498	22.12	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.23	165	398260	20.19	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	409923	22.21	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	1302876	21.95	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1490604	20.75	ng/ul	0.02
51) 4-Nitrophenol-d4	14.66	143	64511	7.23	ng/ul	0.00
57) Fluorene-d10	15.45	176	973701	19.99	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.60	200	62187	7.27	ng/ul	0.02
70) Anthracene-d10	17.30	188	1362611	22.11	ng/ul	0.02
76) Pyrene-d10	19.59	212	1393285	22.09	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.57	264	1432401	21.86	ng/ul	0.06
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.79	107	569078	25.488	ng/ul#	68
28) Naphthalene	10.65	128	1797098	29.981	ng/ul#	93
34) 2-Methylnaphthalene	12.26	142	3405808	75.294	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	299267	5.281	ng/ul#	95
44) Dimethylphthalate	13.90	163	713140m	11.994	ng/ul	
49) Acenaphthene	14.52	153	604567	12.724	ng/ul#	87
53) Dibenzofuran	14.85	168	607320m	8.877	ng/ul	
58) Fluorene	15.50	166	918741	16.169	ng/ul#	91
69) Phenanthrene	17.25	178	3430816	48.381	ng/ul#	96
71) Anthracene	17.33	178	490716m	6.684	ng/ul	
74) Fluoranthene	19.26	202	914715	10.689	ng/ul#	91
77) Pyrene	19.62	202	1361187	16.589	ng/ul#	91
80) Benzo(a)anthracene	21.36	228	527156	6.520	ng/ul#	79
81) Bis(2-ethylhexyl)phthalate	21.26	149	335553	6.122	ng/ul#	95
82) Chrysene	21.42	228	646320	8.515	ng/ul#	81
85) Benzo(b)fluoranthene	23.03	252	677423m	7.637	ng/ul	
88) Benzo(a)pyrene	23.62	252	483634	5.785	ng/ul#	72
89) Indeno(1,2,3-cd)pyrene	26.04	276	341540	3.847	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.04	278	90880	1.218	ng/ul#	20
91) Benzo(g,h,i)perylene	26.77	276	347989	4.786	ng/ul#	81

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

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