Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010771.D
Acq On : 27 Jun 2017 17:00
Operator : SJ/JU
Sample : I3522-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C78

Quant Time: Jun 28 01:47:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 28 01:45:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	80023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	344827	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	226265	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	562404	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	620194	20.00	ng/ul	0.01
83) Perylene-d12	23.24	264	446289	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	7182	5.14	ng/uL	0.00
5) Phenol-d5	6.64	99	184986	24.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	103312	23.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	139581	26.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	146880	23.24	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	75778	30.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	88149	31.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	171972	28.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	131067	20.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	583046	29.35	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	675379	29.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	80108	22.92	ng/ul	0.00
57) Fluorene-d10	15.11	176	497178	28.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	99802	28.89	ng/ul	0.00
70) Anthracene-d10	16.96	188	805132	29.64	ng/ul	0.00
76) Pyrene-d10	19.28	212	926042	32.14	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.11	264	603272	27.97	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.67	94	14843	1.890	ng/ul#	94
28) Naphthalene	10.27	128	92028	5.363	ng/ul	97
34) 2-Methylnaphthalene	11.89	142	28316	2.053	ng/ul	85
44) Dimethylphthalate	13.57	163	283095	14.540	ng/ul	99
47) Acenaphthylene	13.83	152	197423	8.972	ng/ul	98
53) Dibenzofuran	14.51	168	58930	2.621	ng/ul	92
69) Phenanthrene	16.90	178	434305	14.526	ng/ul	99
71) Anthracene	17.00	178	601621	19.531	ng/ul	99
72) Carbazole	17.27	167	142820	5.314	ng/ul	98
74) Fluoranthene	18.94	202	3431420	89.051	ng/ul#	96
77) Pyrene	19.32	202	4430524	123.680	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	2787357	77.178	ng/ul	94
82) Chrysene	21.13	228	2811647	87.315	ng/ul	96
85) Benzo(b)fluoranthene	22.62	252	5702761	196.850	ng/ul#	99
86) Benzo(k)fluoranthene	22.65	252	1930547	70.293	ng/ul#	97
88) Benzo(a)pyrene	23.16	252	2285208	85.683	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.36	276	1236592	44.705	ng/ul	99
90) Dibenzo(a,h)anthracene	25.36	278	362610	15.730	ng/ul#	91
91) Benzo(g,h,i)perylene	26.00	276	805984	36.603	ng/ul	97

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

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