Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP7

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4/24/2018 7:13:41 PM

Quant Time: Apr 24 18:42:28 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	393186	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1645531	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	854121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	1790151	20.00	ng/ul	0.01
75) Chrysene-d12	21.94	240	1860576	20.00	ng/ul	0.01
83) Perylene-d12	24.43	264	1935449	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	38030	4.22	ng/uL	0.00
5) Phenol-d5	7.65	99	689061	22.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	497375	25.52	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	582136	22.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	541992	22.36	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	278991	23.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	285129	24.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	519701	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	805519	33.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1515831	22.74	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1867468	22.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	196104	15.85	ng/ul	0.00
57) Fluorene-d10	16.11	176	1323350	22.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.23	200	49525m	5.11	ng/ul	0.03
70) Anthracene-d10	17.96	188	1944497	23.31	ng/ul	0.02
76) Pyrene-d10	20.19	212	2140901	24.32	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.27	264	2331905	24.52	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.67	94	43224	1.445	ng/ul#	87
28) Naphthalene	11.42	128	738339	9.208	ng/ul#	95
34) 2-Methylnaphthalene	12.99	142	3472941	62.369	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	3197831	46.559	ng/ul#	99
44) Dimethylphthalate	14.56	163	208219	3.231	ng/ul#	97
47) Acenaphthylene	14.86	152	799174	10.019	ng/ul#	89
49) Acenaphthene	15.20	153	14819342	261.430	ng/ul	91
53) Dibenzofuran	15.52	168	16763645m	212.964	ng/ul	
58) Fluorene	16.17	166	19823764m	311.887	ng/ul	
69) Phenanthrene	17.89	178	39966988m	415.722	ng/ul	
71) Anthracene	17.99	178	15982402	163.807	ng/ul#	78
72) Carbazole	18.23	167	447055	5.371	ng/ul#	91
73) Di-n-butylphthalate	18.75	149	1102982	10.898	ng/ul#	74
74) Fluoranthene	19.85	202	30191272m	288.039	ng/ul	
77) Pyrene	20.21	202	27858416m	256.265	ng/ul	
78) Butylbenzylphthalate	21.04	149	1157780	26.105	ng/ul	89
80) Benzo(a)anthracene	21.92	228	17702810m	162.705	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.80	149	7762163	119.236	ng/ul	98
82) Chrysene	21.98	228	13742575	134.922	ng/ul#	88
84) Di-n-octyl phthalate	22.76	149	567792	5.101	ng/ul#	92
85) Benzo(b)fluoranthene	23.67	252	13980438	122.535	ng/ul#	95
86) Benzo(k)fluoranthene	23.72	252	4870841	44.396	ng/ul#	93
88) Benzo(a)pyrene	24.33	252	9358469	86.471	ng/ul#	96

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89) Indeno(1,2,3-cd)pyrene	27.01	276	3384236	25.848	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.01	278	976353	8.857	ng/ul#	91
91) Benzo(g,h,i)perylene	27.81	276	2436203	22.618	ng/ul#	89

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

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