Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007455.D
Acq On : 08 Sep 2016 00:54
Operator : UM/SJ
Sample : H4666-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 08 06:07:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	247743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1257847	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	841453	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2043609	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2272790	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1939581	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	10969	2.26	ng/uL	0.00
5) Phenol-d5	6.96	99	360212	15.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	228469	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	300601	17.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	276539	13.55	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	177781	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	184114	17.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	351662	16.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	199034	7.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1278366	17.61	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1686211	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	33985	2.48	ng/ul	0.00
57) Fluorene-d10	15.42	176	1241213	19.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	75022	5.84	ng/ul	0.00
70) Anthracene-d10	17.27	188	2005823	21.01	ng/ul	0.00
76) Pyrene-d10	19.56	212	2391993	25.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1852817	20.74	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	18637	1.40	ng/ul#	73
6) Phenol	6.99	94	29095	1.20	ng/ul	95
14) Acetophenone	8.61	105	31889	1.02	ng/ul	91
28) Naphthalene	10.63	128	406798	6.50	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	323949	6.33	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	111829	1.71	ng/ul	97
44) Dimethylphthalate	13.88	163	672559	9.30	ng/ul	100
47) Acenaphthylene	14.15	152	106596	1.23	ng/ul#	95
53) Dibenzofuran	14.82	168	499113	5.92	ng/ul	94
69) Phenanthrene	17.21	178	1992526	18.16	ng/ul	100
71) Anthracene	17.30	178	306484	2.71	ng/ul	99
72) Carbazole	17.57	167	174732	1.78	ng/ul#	95
74) Fluoranthene	19.23	202	2998131	21.78	ng/ul	100
77) Pyrene	19.59	202	1940351	15.91	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1277524	9.53	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.26	149	103805	1.41	ng/ul#	95
82) Chrysene	21.39	228	2872526m	23.67	ng/ul	
85) Benzo(b)fluoranthene	22.94	252	3217324	28.05	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	758079m	7.15	ng/ul	
88) Benzo(a)pyrene	23.53	252	528559	4.82	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.91	276	483008	3.59	ng/ul	100
90) Dibenzo(a,h)anthracene	25.91	278	181420	1.62	ng/ul#	89
91) Benzo(g,h,i)perylene	26.62	276	330455	2.89	ng/ul	99

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

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