Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012341.D
Acq On : 21 Oct 2017 04:13
Operator : SJ/JU
Sample : I5656-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CD6

Manual Integrations APPROVED
Sohil
10/23/2017 3:53:40 PM

Quant Time: Oct 23 03:47:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 02:34:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	258903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1170772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	717353	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1598594	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1397742	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1098767	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	32855m	6.03	ng/uL	0.00
5) Phenol-d5	6.94	99	638429	30.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	431122	34.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	600925	33.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	593714	32.83	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	293967	32.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	359038	34.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	651889	32.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	751284	40.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2331221	36.77	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2787199	36.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	169249	17.76	ng/ul	0.00
57) Fluorene-d10	15.42	176	1940964	37.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	254736	23.22	ng/ul	0.00
70) Anthracene-d10	17.27	188	2909794	36.81	ng/ul	0.00
76) Pyrene-d10	19.57	212	3195172	45.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1991451	37.60	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.97	94	126716	5.835	ng/ul#	85
28) Naphthalene	10.62	128	315012	5.201	ng/ul	100
34) 2-Methylnaphthalene	12.24	142	92957	2.034	ng/ul	94
44) Dimethylphthalate	13.88	163	473968	7.462	ng/ul#	99
49) Acenaphthene	14.49	153	286517	5.644	ng/ul	98
53) Dibenzofuran	14.83	168	280131	3.832	ng/ul	97
58) Fluorene	15.48	166	415482	6.844	ng/ul	97
69) Phenanthrene	17.22	178	4313378	47.431	ng/ul	99
71) Anthracene	17.31	178	1081178	11.484	ng/ul	99
72) Carbazole	17.58	167	496916	6.237	ng/ul	99
74) Fluoranthene	19.24	202	5014489	45.692	ng/ul#	95
77) Pyrene	19.60	202	3644204	39.478	ng/ul#	94
80) Benzo(a)anthracene	21.34	228	1972593	21.689	ng/ul	98
82) Chrysene	21.39	228	1748673	20.479	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	1599116	22.302	ng/ul#	97
86) Benzo(k)fluoranthene	23.00	252	559864m	8.102	ng/ul	
88) Benzo(a)pyrene	23.55	252	1035372	15.320	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.99	276	626015	8.723	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	198039	3.283	ng/ul#	88
91) Benzo(g,h,i)perylene	26.72	276	430725	7.328	ng/ul#	93

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

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