Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013500.D
Acq On : 18 Dec 2017 16:00
Operator : SJ/JU
Sample : I6775-15MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 19 01:43:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	233933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	986304	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	563836	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1154543	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	882585	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	758002	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	5075	1.07	ng/uL	0.00
5) Phenol-d5	6.85	99	137770	6.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	76446	6.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	111036	7.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	117299	6.78	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	60842	7.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	59728	7.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	112592	6.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	123677	7.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	347932	6.93	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	435594	7.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	37598m	4.31	ng/ul	0.01
57) Fluorene-d10	15.31	176	283663	6.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	36156	4.98	ng/ul	0.00
70) Anthracene-d10	17.16	188	409597	7.08	ng/ul	0.00
76) Pyrene-d10	19.46	212	398127	9.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	268337	6.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	100355	1.978	ng/ul#	95
44) Dimethylphthalate	13.78	163	59052	1.231	ng/ul	98
47) Acenaphthylene	14.04	152	272489	4.756	ng/ul	99
49) Acenaphthene	14.38	153	110022	2.819	ng/ul	94
53) Dibenzofuran	14.72	168	89474	1.553	ng/ul	98
58) Fluorene	15.37	166	63617	1.335	ng/ul	96
68) Pentachlorophenol	16.72	266	44072	5.091	ng/ul	96
69) Phenanthrene	17.11	178	735758	11.217	ng/ul	99
71) Anthracene	17.20	178	495519	7.391	ng/ul	97
72) Carbazole	17.47	167	81102	1.406	ng/ul#	95
74) Fluoranthene	19.13	202	1408704	17.525	ng/ul#	95
77) Pyrene	19.49	202	1665487	31.061	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	963190	17.200	ng/ul	94
82) Chrysene	21.30	228	1385161m	26.662	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	2674388	52.338	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	817200	16.994	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	1231079	26.820	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	770279	16.913	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.71	278	196322	5.062	ng/ul#	93
91) Benzo(g,h,i)perylene	26.40	276	567331	15.792	ng/ul#	95

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

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