Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006148.D
Acq On : 30 Jun 2016 04:51
Operator : UM/SJ
Sample : H3780-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YF2

Manual Integrations APPROVED
sohil
6/30/2016 7:44:44 PM

Quant Time: Jun 30 05:42:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	238229	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1134205	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	668698	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1556278	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1671607	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1385840	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	9566	1.87	ng/uL	0.00
3) Phenol-d5	6.83	99	535713	27.53	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	313250	27.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	395720	26.49	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	447712	28.58	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	209569	27.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	236865	27.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	429790	26.94	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	512133	40.61	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1346744	28.09	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1695254	29.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	251597	27.66	ng/ul	0.00
21) Fluorene-d10	15.30	176	1179828	28.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	203082	36.84	ng/ul	0.00
26) Anthracene-d10	17.15	188	1803688	28.89	ng/ul	0.00
30) Pyrene-d10	19.45	212	2073832	30.81	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1636748	29.68	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	194622	2.64	ng/ul	99
28) Fluoranthene	19.12	202	505874	5.61	ng/ul	98
31) Pyrene	19.48	202	391946	4.45	ng/ul	96
32) Benzo(a)anthracene	21.23	228	230895	2.66	ng/ul	98
33) Chrysene	21.28	228	243226	3.04	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	308950	4.30	ng/ul	94
36) Benzo(k)fluoranthene	22.83	252	95107m	1.41	ng/ul	
38) Benzo(a)pyrene	23.36	252	185713	2.73	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	126543	1.79	ng/ul#	92
41) Benzo(g,h,i)perylene	26.36	276	117576	1.99	ng/ul	95

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

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