Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006979.D
Acq On : 08 Aug 2016 05:49
Operator : UM/SJ
Sample : H4302-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0K3

Manual Integrations APPROVED
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8/8/2016 7:08:58 PM

Quant Time: Aug 08 16:02:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 15:12:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	272366	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1210992	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	716764	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1647620	20.00	ng/ul	0.00
29) Chrysene-d12	21.18	240	1513461	20.00	ng/ul	0.00
34) Perylene-d12	23.37	264	1345765	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	8673	1.45	ng/uL	0.00
3) Phenol-d5	6.77	99	382683	14.82	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	290785	17.96	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	333835	18.11	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	257985	11.97	ng/ul	0.00
8) Nitrobenzene-d5	8.71	128	176155	19.58	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	209466	19.45	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.97	165	372428	18.24	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	304733	12.50	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1241642	19.68	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1525485	20.91	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	100255	10.96	ng/ul	0.02
21) Fluorene-d10	15.21	176	1072341	20.00	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	97969	14.40	ng/ul	0.00
26) Anthracene-d10	17.07	188	1600851	20.11	ng/ul	0.00
30) Pyrene-d10	19.37	212	1753273	24.30	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.23	264	1302942	20.33	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.37	128	227353	3.66	ng/ul	97
13) 2-Methylnaphthalene	12.00	142	51690	1.04	ng/ul	98
19) Acenaphthene	14.27	153	196417	3.94	ng/ul	98
22) Fluorene	15.26	166	136633	2.16	ng/ul	99
25) Phenanthrene	17.01	178	2558690	27.77	ng/ul	99
27) Anthracene	17.10	178	461440	4.78	ng/ul	97
28) Fluoranthene	19.04	202	4141254	36.93	ng/ul	99
31) Pyrene	19.41	202	3305416	35.14	ng/ul	99
32) Benzo(a)anthracene	21.16	228	1581927	17.62	ng/ul	98
33) Chrysene	21.22	228	1445540	18.29	ng/ul	96
35) Benzo(b)fluoranthene	22.72	252	2223768	25.32	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	676452m	7.98	ng/ul	
38) Benzo(a)pyrene	23.27	252	1467231	18.42	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.56	276	1145630	14.18	ng/ul	96
40) Dibenzo(a,h)anthracene	25.54	278	300758	4.42	ng/ul#	83
41) Benzo(g,h,i)perylene	26.23	276	1131770	17.79	ng/ul	96

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

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