Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006062.D
Acq On : 27 Jun 2016 04:46
Operator : UM/SJ
Sample : H3669-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y57

Manual Integrations APPROVED
sohil
6/27/2016 8:06:31 PM

Quant Time: Jun 27 07:01:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	314084	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1507860	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	879640	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1961254	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1547718	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1339937	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	16162	2.30	ng/uL	0.00
3) Phenol-d5	6.83	99	796064	24.09	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	469461	25.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	606265	26.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	511313	18.33	ng/ul	0.00
8) Nitrobenzene-d5	8.82	128	311830	27.16	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	344445	26.97	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	647353	26.42	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	490123	18.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1965216	26.10	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	2502338	28.65	ng/ul	0.01
20) 4-Nitrophenol-d4	14.52	143	345984	21.54	ng/ul	0.01
21) Fluorene-d10	15.31	176	1734311	26.97	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.43	200	140886	12.94	ng/ul	0.01
26) Anthracene-d10	17.16	188	2608239	28.95	ng/ul	0.00
30) Pyrene-d10	19.46	212	2681106	39.55	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.33	264	1805940	29.85	ng/ul	0.01
Target Compounds						Qvalue
25) Phenanthrene	17.10	178	132493	1.26	ng/ul	97
28) Fluoranthene	19.12	202	490265	3.63	ng/ul	99
31) Pyrene	19.49	202	466448	5.26	ng/ul	99
32) Benzo(a)anthracene	21.24	228	208836	2.27	ng/ul	95
33) Chrysene	21.29	228	283926	3.38	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	384768	4.94	ng/ul#	94
36) Benzo(k)fluoranthene	22.85	252	112803m	1.56	ng/ul	
38) Benzo(a)pyrene	23.37	252	199260	2.67	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.69	276	162486	1.83	ng/ul	95
41) Benzo(g,h,i)perylene	26.37	276	161691	2.10	ng/ul	95

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

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