Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM063016\
Data File : BM006167.D
Acq On : 30 Jun 2016 21:00
Operator : UM/SJ
Sample : H3780-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YF4MSD

Manual Integrations APPROVED
sohil
7/1/2016 7:15:34 PM

Quant Time: Jul 01 01:20:38 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	7.66	152	219204	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	850674	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	434998	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	929999	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	923703	20.00	ng/ul	0.00
34) Perylene-d12	23.48	264	1083187	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	9632	2.04	ng/uL	0.00
3) Phenol-d5	6.83	99	417452	23.31	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	257760	24.41	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	319896	23.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	321915	22.34	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	156408	27.30	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	174099	26.55	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	306192	25.59	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	243120	25.71	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	853030	27.36	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1087356	28.74	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	162020	27.39	ng/ul	0.02
21) Fluorene-d10	15.30	176	741190	27.86	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	113237	34.38	ng/ul	0.01
26) Anthracene-d10	17.16	188	1114306	29.87	ng/ul	0.00
30) Pyrene-d10	19.46	212	1182792	31.80	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.34	264	1263454	29.31	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	63996	1.72	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	33710	1.19	ng/ul	98
14) 1-Methylnaphthalene	12.33	142	30683	1.14	ng/ul	95
18) Acenaphthylene	14.03	152	111981	2.83	ng/ul	99
19) Acenaphthene	14.37	153	760287	30.07	ng/ul	98
22) Fluorene	15.36	166	208410	7.24	ng/ul	98
25) Phenanthrene	17.10	178	3213139	73.01	ng/ul	100
27) Anthracene	17.19	178	800307	17.69	ng/ul	99
28) Fluoranthene	19.13	202	4965569	92.13	ng/ul	97
31) Pyrene	19.49	202	4889890	100.36	ng/ul	94
32) Benzo(a)anthracene	21.24	228	2331899	48.55	ng/ul	97
33) Chrysene	21.30	228	2323683	52.55	ng/ul	97
35) Benzo(b)fluoranthene	22.82	252	3369806	59.95	ng/ul	97
36) Benzo(k)fluoranthene	22.86	252	957464m	18.16	ng/ul	
38) Benzo(a)pyrene	23.39	252	2167588	40.81	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.72	276	1739680	31.51	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.72	278	485455m	10.63	ng/ul	
41) Benzo(g,h,i)perylene	26.41	276	1626993	35.21	ng/ul	97

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

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