Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006613.D
Acq On : 22 Jul 2016 07:21
Operator : UM/SJ
Sample : H4077-04MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YQ8MSD

Manual Integrations APPROVED
umangi
7/22/2016 6:24:57 PM

Quant Time: Jul 22 07:57:05 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	192758	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	820811	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	450862	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	970677	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	974593	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1040399	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	8315	1.74	ng/uL	0.00
3) Phenol-d5	6.80	99	287754	17.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	219623	21.62	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	255443	19.49	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	154291	12.13	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	137981	22.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	145881	22.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	238097	19.07	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	202725	14.74	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	765578	21.66	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1003545	22.24	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	35887	5.84	ng/ul	0.01
21) Fluorene-d10	15.26	176	688860	21.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	39420	7.82	ng/ul	0.01
26) Anthracene-d10	17.12	188	1046301	22.70	ng/ul	0.00
30) Pyrene-d10	19.42	212	1121509	25.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1118006	23.36	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.44	128	358830	8.48	ng/ul	99
13) 2-Methylnaphthalene	12.06	142	119711	3.85	ng/ul	96
14) 1-Methylnaphthalene	12.29	142	80071	2.70	ng/ul	96
18) Acenaphthylene	13.99	152	68691	1.42	ng/ul#	96
19) Acenaphthene	14.33	153	763912	24.60	ng/ul	95
22) Fluorene	15.32	166	142076	4.06	ng/ul#	95
25) Phenanthrene	17.06	178	1513410	27.72	ng/ul	99
27) Anthracene	17.15	178	381744	6.79	ng/ul	99
28) Fluoranthene	19.09	202	1854345	28.91	ng/ul	97
31) Pyrene	19.45	202	2789624	47.27	ng/ul	96
32) Benzo(a)anthracene	21.20	228	877587	14.86	ng/ul	97
33) Chrysene	21.26	228	867535	15.93	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	1225102	19.64	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	406201m	6.74	ng/ul	
38) Benzo(a)pyrene	23.33	252	857354	14.12	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.63	276	670590	9.54	ng/ul	99
40) Dibenzo(a,h)anthracene	25.62	278	189581m	3.25	ng/ul	
41) Benzo(g,h,i)perylene	26.30	276	644515	10.70	ng/ul	97

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

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