Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006978.D
Acq On : 08 Aug 2016 05:13
Operator : UM/SJ
Sample : H4302-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0J6

Manual Integrations APPROVED
sohil
8/8/2016 7:08:55 PM

Quant Time: Aug 08 15:59:36 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	288673	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1328175	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	822954	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1953133	20.00	ng/ul	0.00
29) Chrysene-d12	21.18	240	1961644	20.00	ng/ul	0.00
34) Perylene-d12	23.37	264	1692591	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.08	96	6103	0.97	ng/uL	0.00
3) Phenol-d5	6.77	99	374650	13.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	266911	15.55	ng/ul	0.00
5) 2-Chlorophenol-d4	7.09	132	310970	15.92	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	293149	12.83	ng/ul	0.00
8) Nitrobenzene-d5	8.71	128	166005	16.83	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	190176	16.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.97	165	343174	15.32	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	247954	9.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1196964	16.53	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1491804	17.81	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	121922	11.61	ng/ul	0.01
21) Fluorene-d10	15.21	176	1079594	17.54	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	126189m	15.65	ng/ul	0.00
26) Anthracene-d10	17.07	188	1706235	18.08	ng/ul	0.00
30) Pyrene-d10	19.37	212	1963908	21.00	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.23	264	1461533	18.13	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.37	128	408897	6.00	ng/ul	97
13) 2-Methylnaphthalene	12.00	142	89616	1.64	ng/ul	96
14) 1-Methylnaphthalene	12.22	142	63632	1.21	ng/ul#	90
18) Acenaphthylene	13.93	152	121219	1.38	ng/ul	97
19) Acenaphthene	14.27	153	400827	7.00	ng/ul	99
22) Fluorene	15.26	166	276264	3.81	ng/ul	99
25) Phenanthrene	17.01	178	5586803	51.14	ng/ul	99
27) Anthracene	17.10	178	953325	8.34	ng/ul	98
28) Fluoranthene	19.04	202	9179165	69.06	ng/ul	97
31) Pyrene	19.41	202	7354044	60.32	ng/ul	97
32) Benzo(a)anthracene	21.17	228	3534989	30.38	ng/ul	97
33) Chrysene	21.22	228	3263264m	31.85	ng/ul	
35) Benzo(b)fluoranthene	22.72	252	4570381	41.38	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	1569869m	14.72	ng/ul	
38) Benzo(a)pyrene	23.28	252	3102592	30.98	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.56	276	2347426	23.10	ng/ul	96
40) Dibenzo(a,h)anthracene	25.56	278	583333	6.82	ng/ul#	85
41) Benzo(g,h,i)perylene	26.23	276	2252169	28.15	ng/ul	98

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

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