Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041316\
Data File : BE091655.D
Acq On : 13 Apr 2016 13:44
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER2016-02

Manual Integrations APPROVED
Sohil
4/14/2016 5:31:23 PM

Quant Time: Apr 14 01:25:45 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37087	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	171060	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	100195	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	267350	5.00	ng		-0.01
26) Chrysene-d12	21.31	240	310532	5.00	ng		0.00
35) Perylene-d12	23.75	264	299029	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	69069	7.80	ng		0.00
5) Phenol-d6	6.97	99	96667	8.19	ng		0.00
8) Nitrobenzene-d5	8.96	82	39804	4.01	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	28135	7.68	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	119984	4.31	ng		0.00
29) Terphenyl-d14	19.76	244	189404	4.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	908	0.14	ng		90
3) n-Nitrosodimethylamine	3.66	42	921	0.16	ng		95
6) bis(2-Chloroethyl)ether	7.23	93	1776	0.17	ng	#	78
9) Nitrobenzene	8.99	77	2021	0.33	ng	#	94
10) Naphthalene	10.63	128	6580	0.19	ng		99
11) Hexachlorobutadiene	10.92	225	938m	0.18	ng		
12) 2-Methylnaphthalene	12.24	142	4231	0.19	ng		94
16) Acenaphthylene	14.14	152	7130	0.18	ng	#	71
17) Acenaphthene	14.47	154	4509	0.18	ng		87
18) Fluorene	15.46	166	5521	0.18	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	1573	0.17	ng		98
21) Hexachlorobenzene	16.46	284	1710	0.17	ng		99
22) Pentachlorophenol	16.81	266	518	0.32	ng		96
23) Phenanthrene	17.19	178	11405	0.19	ng		99
24) Anthracene	17.29	178	9321	0.17	ng		99
25) Fluoranthene	19.21	202	11231	0.17	ng		97
27) Benzidine	19.40	184	2211m	0.40	ng		
28) Pyrene	19.55	202	11989	0.19	ng		100
30) Benzo(a)anthracene	21.29	228	15512m	0.22	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	1997	0.20	ng	#	90
32) Chrysene	21.34	228	15815m	0.25	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	2869	0.32	ng	#	88
34) Indeno(1,2,3-cd)pyrene	26.31	276	13087	0.19	ng		96
36) Benzo(b)fluoranthene	23.00	252	12706	0.18	ng		98
37) Benzo(k)fluoranthene	23.04	252	13142m	0.19	ng		
38) Benzo(a)pyrene	23.63	252	11495	0.18	ng		97
39) Dibenzo(a,h)anthracene	26.34	278	10665	0.17	ng		96
40) Benzo(g,h,i)perylene	27.10	276	11455	0.18	ng		95

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

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