Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091977.D
Acq On : 6 Jul 2016 00:55
Operator : UM/SJ
Sample : H3606-05
Misc : LOD0.1
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-WATER2016-01

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Quant Time: Jul 06 06:45:11 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24038	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	108633	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	79111	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	173041	5.00	ng		0.00
31) Chrysene-d12	21.76	240	317607	5.00	ng		0.00
40) Perylene-d12	24.17	264	242054	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	36869	6.41	ng		0.00
5) Phenol-d6	7.35	99	48875	6.12	ng		-0.02
9) Nitrobenzene-d5	9.37	82	27340	3.70	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	13992	4.99	ng		0.00
17) 2-Fluorobiphenyl	13.48	172	71170	3.69	ng		0.00
34) Terphenyl-d14	20.22	244	120220	3.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	312	0.10	ng	#	84
3) n-Nitrosodimethylamine	3.85	42	194	0.08	ng	#	84
6) bis(2-Chloroethyl)ether	7.63	93	417	0.06	ng		91
7) n-Nitroso-di-n-propylamine	9.02	70	400	0.06	ng	#	96
10) Nitrobenzene	9.40	77	659	0.08	ng	#	86
11) bis(2-Chloroethoxy)methane	10.50	93	584	0.06	ng	#	15
12) Naphthalene	11.04	128	1948	0.08	ng	#	91
13) Hexachlorobutadiene	11.34	225	287	0.07	ng		95
14) 2-Methylnaphthalene	12.69	142	1194	0.07	ng		96
18) Acenaphthylene	14.56	152	6234	0.06	ng	#	61
19) 2,6-Dinitrotoluene	14.46	165	677	0.16	ng	#	10
20) Acenaphthene	14.92	154	1829	0.08	ng	#	1
21) 2,4-Dinitrotoluene	15.25	165	4032	0.37	ng	#	85
22) Fluorene	15.91	166	1649	0.07	ng		99
23) 4-Chlorophenyl-phenylether	15.90	204	831	0.07	ng		98
25) 4-Bromophenyl-phenylether	16.80	248	520	0.07	ng		99
26) Hexachlorobenzene	16.90	284	554	0.07	ng		97
27) Pentachlorophenol	17.30	266	52m	0.13	ng		
28) Phenanthrene	17.64	178	3607	0.08	ng		97
29) Anthracene	17.73	178	2870	0.07	ng		99
30) Fluoranthene	19.65	202	14269	0.07	ng	#	87
32) Benzidine	19.86	184	568	0.24	ng	#	43
33) Pyrene	20.02	202	14765	0.06	ng	#	80
35) Benzo(a)anthracene	21.73	228	4755m	0.09	ng		
36) 3,3'-Dichlorobenzidine	21.70	252	708	Below Cal		#	91
37) Chrysene	21.79	228	6718m	0.09	ng		
38) Bis(2-ethylhexyl)phthalate	21.64	149	3306	0.05	ng	#	100
39) Indeno(1,2,3-cd)pyrene	26.70	276	18474	0.06	ng		98
41) Benzo(b)fluoranthene	23.43	252	4492m	0.07	ng		
42) Benzo(k)fluoranthene	23.48	252	4456	0.07	ng	#	95
43) Benzo(a)pyrene	24.06	252	4273	0.07	ng	#	94
44) Dibenzo(a,h)anthracene	26.74	278	3715	0.06	ng	#	89
45) Benzo(g,h,i)perylene	27.48	276	16592	0.07	ng		94

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

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