Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099032.D
Acq On : 3 Oct 2017 15:31
Operator : SJ/JU
Sample : I5275-06
Misc : LOO 20 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-06-QT4-2017

Quant Time: Oct 05 01:07:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116093	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	486118	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	222037	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	388357	20.00	ng		-0.05
75) Chrysene-d12	14.03	240	272776	20.00	ng		-0.05
86) Perylene-d12	15.51	264	216749	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1083428	148.56	ng		-0.05
7) Phenol-d6	6.50	99	1317885	146.49	ng		-0.04
23) Nitrobenzene-d5	7.44	82	712406	93.98	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	278230	153.14	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	1267274	95.28	ng		-0.05
78) Terphenyl-d14	12.98	244	1072513	89.42	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	71763	20.600	ng		95
3) Pyridine	3.46	79	190836	20.250	ng		97
4) n-Nitrosodimethylamine	3.37	42	75518	18.897	ng		90
6) Aniline	6.54	93	252301	20.779	ng		97
8) 2-Chlorophenol	6.66	128	172199	20.851	ng		99
9) Benzaldehyde	6.43	77	78868	15.113	ng		95
10) Phenol	6.52	94	208364	20.709	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	166928	21.341	ng		99
12) 1,3-Dichlorobenzene	6.82	146	185634	21.463	ng		98
13) 1,4-Dichlorobenzene	6.89	146	192668	21.894	ng		98
14) 1,2-Dichlorobenzene	7.05	146	178655	21.972	ng		98
15) Benzyl Alcohol	7.01	79	139807	21.183	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	245709	20.162	ng		99
17) 2-Methylphenol	7.12	107	139929	20.707	ng		97
18) Hexachloroethane	7.39	117	65598	20.739	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	119440	20.795	ng		96
20) 3+4-Methylphenols	7.27	107	184473	21.579	ng		97
22) Acetophenone	7.28	105	249584	21.191	ng	#	96
24) Nitrobenzene	7.46	77	182326	21.204	ng		95
25) Isophorone	7.69	82	320711	20.464	ng		98
26) 2-Nitrophenol	7.77	139	92997	22.491	ng		94
27) 2,4-Dimethylphenol	7.80	122	158378	20.282	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	208575	21.356	ng		100
29) 2,4-Dichlorophenol	8.01	162	145077	21.639	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	145111	21.640	ng		97
31) Naphthalene	8.17	128	502628	22.015	ng		99
32) Benzoic acid	7.90	122	90865	14.166	ng		97
33) 4-Chloroaniline	8.22	127	204789	21.479	ng		98
34) Hexachlorobutadiene	8.29	225	74236	21.494	ng		98
35) Caprolactam	8.57	113	43755	20.345	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	156802	20.808	ng		93
37) 2-Methylnaphthalene	8.87	142	323292	21.782	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	148708	22.457	ng		99
40) Hexachlorocyclopentadiene	9.02	237	36309	11.998	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	96730	20.620	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	99770	21.305	ng		95
45) 1,1'-Biphenyl	9.33	154	427060	22.379	ng		99
46) 2-Chloronaphthalene	9.36	162	312757	21.829	ng		97
47) 2-Nitroaniline	9.45	65	93257	21.257	ng		95
48) Acenaphthylene	9.77	152	485496	22.135	ng		99
49) Dimethylphthalate	9.63	163	362547	21.634	ng		99
50) 2,6-Dinitrotoluene	9.69	165	79751	21.859	ng		88
51) Acenaphthene	9.95	154	301022	21.666	ng		99
52) 3-Nitroaniline	9.86	138	91478	21.504	ng		98
53) 2,4-Dinitrophenol	9.97	184	24005	17.545	ng		89
54) Dibenzofuran	10.12	168	410136	22.171	ng		98
55) 4-Nitrophenol	10.01	139	67297	18.709	ng		96
56) 2,4-Dinitrotoluene	10.09	165	105622	22.307	ng		98
57) Fluorene	10.46	166	339379	22.825	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	67138	20.754	ng		99
59) Diethylphthalate	10.33	149	355762	21.726	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	149611	22.400	ng		99
61) 4-Nitroaniline	10.47	138	87928	21.424	ng		94
62) Azobenzene	10.61	77	317310	21.075	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	45237	19.145	ng		85
65) n-Nitrosodiphenylamine	10.57	169	296933	22.070	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	84734	22.290	ng		92
67) Hexachlorobenzene	11.00	284	90514	22.294	ng		99
68) Atrazine	11.09	200	85050	21.011	ng		98
69) Pentachlorophenol	11.20	266	40801	16.147	ng		98
70) Phenanthrene	11.42	178	464795	22.359	ng		98
71) Anthracene	11.47	178	471684	22.176	ng		98
72) Carbazole	11.63	167	448136	21.515	ng		99
73) Di-n-butylphthalate	11.95	149	548360	21.872	ng		99
74) Fluoranthene	12.61	202	453255	21.532	ng		98
76) Benzidine	12.73	184	167836	16.635	ng		98
77) Pyrene	12.84	202	465954	22.401	ng		99
79) Butylbenzylphthalate	13.45	149	212519	21.740	ng		92
80) Benzo(a)anthracene	14.02	228	352287	21.328	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	117228	19.360	ng		99
82) Chrysene	14.06	228	331677	21.092	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	295453	21.950	ng	#	99
84) Di-n-octyl phthalate	14.62	149	459872	21.217	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	273026	21.705	ng		96
87) Benzo(b)fluoranthene	15.07	252	300059	22.516	ng		98
88) Benzo(k)fluoranthene	15.10	252	266911	20.278	ng		99
89) Benzo(a)pyrene	15.44	252	259039	21.176	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	227403	23.228	ng		98
91) Benzo(g,h,i)perylene	17.44	276	226033	23.357	ng		97

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

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