Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096736.D
Acq On : 13 Jul 2017 19:12
Operator : SJ/JU
Sample : I3757-06
Misc : 20PPM LOQ
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-06-QT3-2017

Quant Time: Jul 14 01:09:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	94728	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	397028	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	175337	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	289863	20.00	ng		0.00
75) Chrysene-d12	13.77	240	174412	20.00	ng		0.00
86) Perylene-d12	15.15	264	141574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	711966	113.01	ng		0.00
7) Phenol-d6	6.28	99	861508	113.95	ng		0.00
23) Nitrobenzene-d5	7.20	82	545791	85.15	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	175692	117.39	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	952808	85.86	ng		0.00
78) Terphenyl-d14	12.73	244	743428	73.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	76830	23.700	ng	#	83
3) Pyridine	2.93	79	134537	19.747	ng	#	61
4) n-Nitrosodimethylamine	2.83	42	75784	19.891	ng	#	77
6) Aniline	6.30	93	183894	19.747	ng	#	90
8) 2-Chlorophenol	6.42	128	137889	20.288	ng		98
9) Benzaldehyde	6.17	77	70713	16.182	ng		97
10) Phenol	6.29	94	167974	19.654	ng		78
11) bis(2-Chloroethyl)ether	6.37	93	126389	19.665	ng		91
12) 1,3-Dichlorobenzene	6.57	146	149677	20.718	ng		97
13) 1,4-Dichlorobenzene	6.65	146	153612	20.996	ng		96
14) 1,2-Dichlorobenzene	6.80	146	141837	21.314	ng		98
15) Benzyl Alcohol	6.77	79	105756	21.366	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	262617	19.799	ng		90
17) 2-Methylphenol	6.90	107	105140	19.893	ng		96
18) Hexachloroethane	7.15	117	52735	20.327	ng	#	82
19) n-Nitroso-di-n-propylamine	7.05	70	90870	19.950	ng	#	81
20) 3+4-Methylphenols	7.05	107	133404	20.800	ng	#	83
22) Acetophenone	7.05	105	180089	20.295	ng	#	96
24) Nitrobenzene	7.22	77	134963	20.359	ng		91
25) Isophorone	7.46	82	234853	19.696	ng		96
26) 2-Nitrophenol	7.53	139	74839	20.303	ng		90
27) 2,4-Dimethylphenol	7.58	122	121163	19.980	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	158901	19.721	ng		99
29) 2,4-Dichlorophenol	7.77	162	109881	20.018	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	108719	20.831	ng		99
31) Naphthalene	7.94	128	393414	20.917	ng		99
32) Benzoic acid	7.69	122	78433	20.236	ng		92
33) 4-Chloroaniline	7.99	127	155011	20.802	ng		98
34) Hexachlorobutadiene	8.06	225	59806	21.466	ng		96
35) Caprolactam	8.34	113	32945	18.731	ng	#	55
36) 4-Chloro-3-methylphenol	8.47	107	119933	20.320	ng		91
37) 2-Methylnaphthalene	8.63	142	251982	21.015	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	104140	21.972	ng		99
40) Hexachlorocyclopentadiene	8.79	237	27546	19.473	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	72623	20.772	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	73726	20.909	ng	#	90
45) 1,1'-Biphenyl	9.09	154	331700	22.058	ng		98
46) 2-Chloronaphthalene	9.12	162	239096	21.593	ng		94
47) 2-Nitroaniline	9.21	65	75138	19.741	ng		92
48) Acenaphthylene	9.53	152	372602	21.119	ng		99
49) Dimethylphthalate	9.39	163	276661	20.956	ng		99
50) 2,6-Dinitrotoluene	9.45	165	60172	21.042	ng	#	83
51) Acenaphthene	9.70	154	215329	20.660	ng		98
52) 3-Nitroaniline	9.62	138	67020	19.784	ng		91
53) 2,4-Dinitrophenol	9.73	184	20436	19.958	ng	#	70
54) Dibenzofuran	9.87	168	317017	21.706	ng		99
55) 4-Nitrophenol	9.78	139	46794	18.907	ng	#	64
56) 2,4-Dinitrotoluene	9.86	165	75597	20.573	ng	#	92
57) Fluorene	10.21	166	246130	22.805	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	50464	20.636	ng	#	97
59) Diethylphthalate	10.10	149	272962	21.238	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	104255	20.039	ng		88
61) 4-Nitroaniline	10.22	138	63936	20.098	ng		91
62) Azobenzene	10.37	77	225616	19.899	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	33524	18.421	ng		94
65) n-Nitrosodiphenylamine	10.33	169	218861	21.123	ng		98
66) 4-Bromophenyl-phenylether	10.69	248	63185	21.351	ng		97
67) Hexachlorobenzene	10.76	284	71763	21.772	ng	#	91
68) Atrazine	10.85	200	61308	20.768	ng		93
69) Pentachlorophenol	10.95	266	32903	20.664	ng		95
70) Phenanthrene	11.17	178	334862	21.246	ng		99
71) Anthracene	11.22	178	338140	21.219	ng		99
72) Carbazole	11.37	167	322557	20.902	ng		97
73) Di-n-butylphthalate	11.72	149	405086	21.078	ng		99
74) Fluoranthene	12.35	202	313985	20.813	ng		96
76) Benzidine	12.47	184	91267	15.973	ng		97
77) Pyrene	12.57	202	317139	20.036	ng		98
79) Butylbenzylphthalate	13.20	149	140356	37.325	ng	#	84
80) Benzo(a)anthracene	13.76	228	213130	19.612	ng		98
81) 3,3'-Dichlorobenzidine	13.73	252	72314	18.505	ng	#	94
82) Chrysene	13.80	228	211706	19.789	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	173843	18.981	ng	#	99
84) Di-n-octyl phthalate	14.38	149	273559	18.069	ng		95
85) Indeno(1,2,3-cd)pyrene	16.46	276	192347	21.531	ng		99
87) Benzo(b)fluoranthene	14.77	252	174872	20.480	ng		99
88) Benzo(k)fluoranthene	14.79	252	169118	20.916	ng		96
89) Benzo(a)pyrene	15.09	252	159242	20.334	ng		97
90) Dibenzo(a,h)anthracene	16.47	278	156648	21.738	ng		98
91) Benzo(g,h,i)perylene	16.84	276	165222	21.411	ng		97

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

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