Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105165.D
Acq On : 9 May 2018 00:45
Operator : JU/SJ
Sample : J2133-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:04 PM

Quant Time: May 09 17:07:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	196202	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	791342	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	385189	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	755750	20.00	ng		0.00
75) Chrysene-d12	13.99	240	631072	20.00	ng		-0.02
86) Perylene-d12	15.52	264	584499	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1440508	120.95	ng		0.00
7) Phenol-d6	6.42	99	1737862	122.55	ng		0.00
23) Nitrobenzene-d5	7.36	82	1095906	93.86	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	546243	128.54	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1942161	78.26	ng		0.00
78) Terphenyl-d14	12.90	244	2132075	78.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	124096	19.708	ng		89
3) Pyridine	3.26	79	330715	19.584	ng		90
4) n-Nitrosodimethylamine	3.18	42	150786	17.617	ng		83
6) Aniline	6.46	93	413324	19.957	ng		94
8) 2-Chlorophenol	6.57	128	258699	20.477	ng		95
9) Benzaldehyde	6.35	77	153248	14.099	ng		98
10) Phenol	6.43	94	311994	19.770	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	256556	19.725	ng		93
12) 1,3-Dichlorobenzene	6.73	146	321536	21.115	ng		98
13) 1,4-Dichlorobenzene	6.81	146	320166	21.026	ng		98
14) 1,2-Dichlorobenzene	6.96	146	295127	21.011	ng		98
15) Benzyl Alcohol	6.93	79	240434	22.153	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	477253	19.745	ng		96
17) 2-Methylphenol	7.04	107	230904	21.168	ng		99
18) Hexachloroethane	7.30	117	108723	22.188	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	198115	21.101	ng		89
20) 3+4-Methylphenols	7.19	107	293853	22.924	ng		89
22) Acetophenone	7.20	105	401494	21.766	ng	#	98
24) Nitrobenzene	7.37	77	292558	22.098	ng		96
25) Isophorone	7.61	82	489920	18.762	ng		98
26) 2-Nitrophenol	7.69	139	124232	28.530	ng		92
27) 2,4-Dimethylphenol	7.72	122	201165	17.335	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	303415	18.827	ng		99
29) 2,4-Dichlorophenol	7.92	162	218384	20.116	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	262269	20.947	ng		98
31) Naphthalene	8.10	128	794367	20.848	ng		100
32) Benzoic acid	7.82	122	145180m	28.031	ng		
33) 4-Chloroaniline	8.15	127	323271	20.403	ng		100
34) Hexachlorobutadiene	8.22	225	156927	21.635	ng		100
35) Caprolactam	8.50	113	67739	20.545	ng	#	80
36) 4-Chloro-3-methylphenol	8.62	107	224090	19.826	ng		93
37) 2-Methylnaphthalene	8.79	142	544723	20.510	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	262101	21.383	ng		98
40) Hexachlorocyclopentadiene	8.94	237	134632	20.313	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	154210	20.621 ng		92
43) 2,4,5-Trichlorophenol	9.09	196	175651	22.479 ng		93
45) 1,1'-Biphenyl	9.25	154	687980	21.922 ng		99
46) 2-Chloronaphthalene	9.27	162	506300	21.585 ng		95
47) 2-Nitroaniline	9.37	65	152048	25.586 ng		93
48) Acenaphthylene	9.69	152	800419	22.094 ng		98
49) Dimethylphthalate	9.55	163	585798	22.465 ng		99
50) 2,6-Dinitrotoluene	9.61	165	130469	23.059 ng		96
51) Acenaphthene	9.86	154	518021	22.187 ng		98
52) 3-Nitroaniline	9.78	138	138153	23.181 ng		96
53) 2,4-Dinitrophenol	9.88	184	39168m	30.239 ng		
54) Dibenzofuran	10.03	168	715179	20.941 ng		98
55) 4-Nitrophenol	9.92	139	102408	22.367 ng		93
56) 2,4-Dinitrotoluene	10.01	165	163552	23.714 ng		95
57) Fluorene	10.37	166	543033	21.681 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	139046	19.935 ng		88
59) Diethylphthalate	10.25	149	576690	22.503 ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	259788	22.282 ng		92
61) 4-Nitroaniline	10.39	138	135593	22.863 ng		98
62) Azobenzene	10.53	77	555968	20.797 ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	76824	32.964 ng		84
65) n-Nitrosodiphenylamine	10.49	169	499257	21.192 ng		98
66) 4-Bromophenyl-phenylether	10.86	248	168562	20.913 ng		90
67) Hexachlorobenzene	10.92	284	197918	21.311 ng	#	83
68) Atrazine	11.01	200	96028	13.006 ng		97
69) Pentachlorophenol	11.11	266	116392	23.597 ng		99
70) Phenanthrene	11.34	178	834564	20.946 ng		99
71) Anthracene	11.39	178	839201	20.729 ng		100
72) Carbazole	11.54	167	786221	21.552 ng		98
73) Di-n-butylphthalate	11.88	149	891353	22.844 ng		99
74) Fluoranthene	12.52	202	894631	21.548 ng		97
76) Benzidine	12.65	184	281638	11.951 ng	#	93
77) Pyrene	12.75	202	931020	20.283 ng		99
79) Butylbenzylphthalate	13.39	149	355293	25.239 ng	#	92
80) Benzo(a)anthracene	13.98	228	773649	20.214 ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	277989	19.320 ng	#	97
82) Chrysene	14.02	228	808512	20.513 ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	466317	24.572 ng		100
84) Di-n-octyl phthalate	14.66	149	737375	24.075 ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.96	276	618822	19.812 ng		94
87) Benzo(b)fluoranthene	15.10	252	721296	20.171 ng		97
88) Benzo(k)fluoranthene	15.13	252	765357	22.073 ng	#	95
89) Benzo(a)pyrene	15.46	252	665595	20.466 ng		98
90) Dibenzo(a,h)anthracene	16.99	278	513638	20.334 ng	#	95
91) Benzo(g,h,i)perylene	17.39	276	493684	19.977 ng		94

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

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