Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105169.D
Acq On : 9 May 2018 2:31
Operator : JU/SJ
Sample : J2133-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:16 PM

Quant Time: May 09 11:56:17 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	202785	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	810090	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	400637	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	779463	20.00	ng		0.00
75) Chrysene-d12	13.99	240	668747	20.00	ng		-0.03
86) Perylene-d12	15.51	264	612789	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1517931	123.32	ng		0.00
7) Phenol-d6	6.42	99	1822392	124.34	ng		0.00
23) Nitrobenzene-d5	7.36	82	1134953	94.95	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	580331	131.29	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2014020	78.02	ng		0.00
78) Terphenyl-d14	12.90	244	2187975	76.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	51378	7.895	ng		91
3) Pyridine	3.27	79	135278	7.751	ng		86
4) n-Nitrosodimethylamine	3.18	42	61296	6.929	ng		82
6) Aniline	6.46	93	177043	8.271	ng		94
8) 2-Chlorophenol	6.57	128	110024	8.426	ng		96
9) Benzaldehyde	6.35	77	56383	5.019	ng		97
10) Phenol	6.43	94	127650	7.826	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	114737	8.535	ng		92
12) 1,3-Dichlorobenzene	6.73	146	142876	9.078	ng		98
13) 1,4-Dichlorobenzene	6.81	146	139922	8.891	ng		97
14) 1,2-Dichlorobenzene	6.96	146	128771	8.870	ng		97
15) Benzyl Alcohol	6.93	79	110084	9.814	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	205886	8.242	ng		97
17) 2-Methylphenol	7.03	107	95060	8.432	ng		98
18) Hexachloroethane	7.30	117	45419	8.968	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	86477	8.911	ng		88
20) 3+4-Methylphenols	7.19	107	127934	9.656	ng		96
22) Acetophenone	7.20	105	179836	9.524	ng	#	96
24) Nitrobenzene	7.37	77	130570	9.634	ng		99
25) Isophorone	7.60	82	213364	7.982	ng		94
26) 2-Nitrophenol	7.69	139	46617	16.746	ng		95
27) 2,4-Dimethylphenol	7.72	122	86103	7.248	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	136107	8.250	ng		98
29) 2,4-Dichlorophenol	7.92	162	93625	8.424	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	117503	9.168	ng		97
31) Naphthalene	8.09	128	352800	9.045	ng		99
32) Benzoic acid	7.79	122	54759	16.529	ng		96
33) 4-Chloroaniline	8.14	127	137729	8.491	ng		97
34) Hexachlorobutadiene	8.21	225	69550	9.367	ng		97
35) Caprolactam	8.47	113	26059	7.721	ng	#	75
36) 4-Chloro-3-methylphenol	8.61	107	96380	8.330	ng		95
37) 2-Methylnaphthalene	8.78	142	243780	8.967	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	119698	9.389	ng		96
40) Hexachlorocyclopentadiene	8.93	237	56198	8.152	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	65356	8.402	ng		90
43) 2,4,5-Trichlorophenol	9.09	196	73550	9.050	ng	#	91
45) 1,1'-Biphenyl	9.24	154	317380	9.723	ng		99
46) 2-Chloronaphthalene	9.27	162	229842	9.421	ng		95
47) 2-Nitroaniline	9.36	65	61234	13.460	ng	#	83
48) Acenaphthylene	9.69	152	358578	9.516	ng		100
49) Dimethylphthalate	9.54	163	261960	9.658	ng		100
50) 2,6-Dinitrotoluene	9.60	165	54080	9.189	ng		97
51) Acenaphthene	9.86	154	231414	9.530	ng		98
52) 3-Nitroaniline	9.77	138	56610	9.132	ng		95
53) 2,4-Dinitrophenol	9.87	184	12330	16.794	ng	#	23
54) Dibenzofuran	10.03	168	319381	8.991	ng		99
55) 4-Nitrophenol	9.92	139	38705	10.865	ng		91
56) 2,4-Dinitrotoluene	10.00	165	66954	11.522	ng		95
57) Fluorene	10.37	166	249911	9.593	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	59013	8.134	ng	#	88
59) Diethylphthalate	10.25	149	249507	9.361	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	122584	10.108	ng		89
61) 4-Nitroaniline	10.38	138	52257	8.472	ng		97
62) Azobenzene	10.53	77	244060	8.777	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	25225	17.325	ng		90
65) n-Nitrosodiphenylamine	10.49	169	217461	8.950	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	75616	9.096	ng	#	89
67) Hexachlorobenzene	10.92	284	87967	9.184	ng	#	89
68) Atrazine	11.01	200	43912	5.766	ng		92
69) Pentachlorophenol	11.11	266	45739	10.988	ng		98
70) Phenanthrene	11.33	178	379190	9.227	ng		98
71) Anthracene	11.39	178	371673	8.901	ng		99
72) Carbazole	11.54	167	343095	9.119	ng		98
73) Di-n-butylphthalate	11.87	149	373088	9.271	ng		99
74) Fluoranthene	12.52	202	390812	9.127	ng		95
76) Benzidine	12.64	184	73982	2.963	ng	#	92
77) Pyrene	12.75	202	411962	8.469	ng		99
79) Butylbenzylphthalate	13.39	149	132757	13.366	ng		99
80) Benzo(a)anthracene	13.97	228	347655	8.572	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	103524	6.790	ng	#	95
82) Chrysene	14.01	228	358716	8.588	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	197280	9.810	ng		98
84) Di-n-octyl phthalate	14.65	149	262459	12.692	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.94	276	256135	7.738	ng		94
87) Benzo(b)fluoranthene	15.08	252	320312	8.544	ng		98
88) Benzo(k)fluoranthene	15.11	252	314171m	8.642	ng		
89) Benzo(a)pyrene	15.44	252	272353	7.988	ng		97
90) Dibenzo(a,h)anthracene	16.96	278	211792	7.997	ng		95
91) Benzo(g,h,i)perylene	17.37	276	204959	7.911	ng		94

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

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