Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102007.D
Acq On : 11 Jan 2018 9:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/12/2018 10:36:47 AM

Quant Time: Jan 11 12:49:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179455	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	750774	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	334429	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	565530	20.00	ng		0.00
75) Chrysene-d12	13.88	240	368627	20.00	ng		0.00
86) Perylene-d12	15.29	264	304134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	945556	74.40	ng		0.00
7) Phenol-d6	6.36	99	1135578	74.89	ng		0.01
23) Nitrobenzene-d5	7.30	82	1025298	80.25	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	236651	81.09	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1675441	78.27	ng		0.00
78) Terphenyl-d14	12.83	244	1330462	74.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	238972	37.680	ng		95
3) Pyridine	3.09	79	655537	37.849	ng		94
4) n-Nitrosodimethylamine	3.05	42	267304	36.855	ng		94
6) Aniline	6.39	93	801837	37.524	ng		99
8) 2-Chlorophenol	6.51	128	488020	38.289	ng		98
9) Benzaldehyde	6.27	77	381781	36.263	ng		98
10) Phenol	6.37	94	644572	37.616	ng		97
11) bis(2-Chloroethyl)ether	6.47	93	487252	37.359	ng		97
12) 1,3-Dichlorobenzene	6.67	146	558633	38.021	ng		99
13) 1,4-Dichlorobenzene	6.75	146	563295	38.420	ng		100
14) 1,2-Dichlorobenzene	6.90	146	514177	37.890	ng		99
15) Benzyl Alcohol	6.87	79	419380	37.812	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	882201	36.693	ng		98
17) 2-Methylphenol	6.98	107	438738	38.158	ng		98
18) Hexachloroethane	7.24	117	202153	39.155	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	358794	36.108	ng		97
20) 3+4-Methylphenols	7.14	107	505723	36.632	ng	#	69
22) Acetophenone	7.15	105	662391	36.618	ng	#	95
24) Nitrobenzene	7.32	77	535808	39.029	ng		98
25) Isophorone	7.55	82	924530	36.623	ng		98
26) 2-Nitrophenol	7.63	139	271209	47.199	ng		99
27) 2,4-Dimethylphenol	7.67	122	406759	37.904	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	565847	37.123	ng		99
29) 2,4-Dichlorophenol	7.87	162	394166	38.683	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	413318	38.779	ng		98
31) Naphthalene	8.03	128	1409724	37.578	ng		100
32) Benzoic acid	7.79	122	308928m	37.964	ng		
33) 4-Chloroaniline	8.09	127	600987	37.534	ng		98
34) Hexachlorobutadiene	8.15	225	218279	38.690	ng		98
35) Caprolactam	8.46	113	135603	38.765	ng		94
36) 4-Chloro-3-methylphenol	8.56	107	423404	37.960	ng		98
37) 2-Methylnaphthalene	8.72	142	923646	37.399	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	362836	38.350	ng		99
40) Hexachlorocyclopentadiene	8.87	237	215914	41.728	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	255670	39.214	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	289082	39.230	ng		98
45) 1,1'-Biphenyl	9.19	154	1100631	37.234	ng		98
46) 2-Chloronaphthalene	9.22	162	860743	37.550	ng		97
47) 2-Nitroaniline	9.31	65	295109	42.979	ng		95
48) Acenaphthylene	9.63	152	1352866	37.189	ng		100
49) Dimethylphthalate	9.49	163	1002610	37.372	ng		99
50) 2,6-Dinitrotoluene	9.55	165	226606	42.285	ng		93
51) Acenaphthene	9.80	154	793393	35.933	ng		100
52) 3-Nitroaniline	9.72	138	273439	40.430	ng		97
53) 2,4-Dinitrophenol	9.82	184	97791	51.240	ng	#	20
54) Dibenzofuran	9.97	168	1124370	37.104	ng		97
55) 4-Nitrophenol	9.87	139	208811	41.429	ng		95
56) 2,4-Dinitrotoluene	9.95	165	290675	43.276	ng		96
57) Fluorene	10.31	166	832998	39.765	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	206286	39.321	ng		99
59) Diethylphthalate	10.19	149	986110	36.951	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	355241	39.825	ng		96
61) 4-Nitroaniline	10.33	138	276462	43.072	ng		94
62) Azobenzene	10.46	77	965845	36.376	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	148094	48.191	ng		94
65) n-Nitrosodiphenylamine	10.43	169	796188	37.597	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	229754	38.470	ng		98
67) Hexachlorobenzene	10.85	284	247642	37.983	ng		97
68) Atrazine	10.96	200	240073	39.228	ng		98
69) Pentachlorophenol	11.05	266	167612	42.159	ng		98
70) Phenanthrene	11.27	178	1233630	37.344	ng		99
71) Anthracene	11.32	178	1275738	38.078	ng		99
72) Carbazole	11.48	167	1240405	37.668	ng		99
73) Di-n-butylphthalate	11.81	149	1511647	37.416	ng		100
74) Fluoranthene	12.46	202	1213052	37.323	ng		98
76) Benzidine	12.58	184	620978	34.885	ng		98
77) Pyrene	12.68	202	1259495	38.653	ng		100
79) Butylbenzylphthalate	13.31	149	592544	39.625	ng		95
80) Benzo(a)anthracene	13.87	228	875719	37.234	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	339130	38.943	ng		95
82) Chrysene	13.90	228	923930	37.674	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	675334	39.368	ng		100
84) Di-n-octyl phthalate	14.48	149	1127996	39.626	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	689032	38.602	ng		95
87) Benzo(b)fluoranthene	14.89	252	787960	39.735	ng	#	97
88) Benzo(k)fluoranthene	14.92	252	712320	37.236	ng		98
89) Benzo(a)pyrene	15.23	252	692374	38.800	ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	566311	39.768	ng		97
91) Benzo(g,h,i)perylene	17.09	276	580365	40.458	ng		97

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

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