Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102172.D
Acq On : 18 Jan 2018 2:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/18/2018 11:12:42 AM

Quant Time: Jan 18 04:37:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126272	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	508859	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	212461	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	323683	20.00	ng		0.00
75) Chrysene-d12	13.87	240	217370	20.00	ng		0.00
86) Perylene-d12	15.29	264	222529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	674032	75.38	ng		0.00
7) Phenol-d6	6.36	99	791037	74.14	ng		0.00
23) Nitrobenzene-d5	7.29	82	722079	83.39	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	158506	85.49	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1271485	93.50	ng		0.00
78) Terphenyl-d14	12.82	244	754929	72.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	157064	35.196	ng		97
3) Pyridine	3.06	79	416329	34.162	ng		91
4) n-Nitrosodimethylamine	3.03	42	170833	33.474	ng		93
6) Aniline	6.39	93	534573	35.554	ng		100
8) 2-Chlorophenol	6.50	128	353892	39.459	ng		99
9) Benzaldehyde	6.27	77	245958	33.202	ng		100
10) Phenol	6.37	94	431349	35.775	ng		88
11) bis(2-Chloroethyl)ether	6.46	93	331772	36.152	ng		97
12) 1,3-Dichlorobenzene	6.66	146	408695	39.531	ng		97
13) 1,4-Dichlorobenzene	6.74	146	417184	40.439	ng		100
14) 1,2-Dichlorobenzene	6.89	146	385785	40.402	ng		99
15) Benzyl Alcohol	6.87	79	296610	38.006	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	555898	32.860	ng		99
17) 2-Methylphenol	6.98	107	305454	37.755	ng		99
18) Hexachloroethane	7.23	117	131303	36.144	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	243853	34.877	ng		95
20) 3+4-Methylphenols	7.13	107	361630	37.227	ng	#	67
22) Acetophenone	7.13	105	474927	38.736	ng	#	88
24) Nitrobenzene	7.31	77	371796	39.957	ng		99
25) Isophorone	7.55	82	623303	36.429	ng		99
26) 2-Nitrophenol	7.62	139	181806	46.682	ng		97
27) 2,4-Dimethylphenol	7.66	122	277838	38.199	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	387614	37.519	ng		98
29) 2,4-Dichlorophenol	7.86	162	279981	40.539	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	303415	42.001	ng		98
31) Naphthalene	8.03	128	1011947	39.798	ng		100
32) Benzoic acid	7.77	122	207284m	37.583	ng		
33) 4-Chloroaniline	8.08	127	430143	39.635	ng		97
34) Hexachlorobutadiene	8.14	225	167609	43.833	ng		98
35) Caprolactam	8.46	113	90745	38.274	ng		91
36) 4-Chloro-3-methylphenol	8.56	107	296758	39.254	ng		95
37) 2-Methylnaphthalene	8.72	142	665408	39.751	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	276463	45.995	ng		99
40) Hexachlorocyclopentadiene	8.87	237	39064	11.884	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181382	43.791	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	204331	43.647	ng		97
45) 1,1'-Biphenyl	9.18	154	803098	42.765	ng		99
46) 2-Chloronaphthalene	9.20	162	621921	42.707	ng		98
47) 2-Nitroaniline	9.30	65	192243	44.070	ng		96
48) Acenaphthylene	9.62	152	954449	41.299	ng		99
49) Dimethylphthalate	9.49	163	739088	43.364	ng		100
50) 2,6-Dinitrotoluene	9.55	165	154170	45.284	ng		95
51) Acenaphthene	9.79	154	546350	38.949	ng		99
52) 3-Nitroaniline	9.72	138	179339	41.739	ng		97
53) 2,4-Dinitrophenol	9.82	184	12279	17.074	ng	#	25
54) Dibenzofuran	9.96	168	784266	40.738	ng		99
55) 4-Nitrophenol	9.87	139	108501	33.885	ng		94
56) 2,4-Dinitrotoluene	9.95	165	193169	45.269	ng	#	90
57) Fluorene	10.30	166	589229	44.275	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	133363	40.014	ng		98
59) Diethylphthalate	10.18	149	720477	42.496	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	264882	46.742	ng		99
61) 4-Nitroaniline	10.33	138	169216	41.498	ng		93
62) Azobenzene	10.46	77	616819	36.568	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	32053	21.745	ng		96
65) n-Nitrosodiphenylamine	10.42	169	554373	45.738	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	156875	45.893	ng		95
67) Hexachlorobenzene	10.85	284	164620	44.114	ng		99
68) Atrazine	10.95	200	160497	45.820	ng		98
69) Pentachlorophenol	11.04	266	80997	35.595	ng		97
70) Phenanthrene	11.26	178	757560	40.067	ng		99
71) Anthracene	11.32	178	765736	39.933	ng		99
72) Carbazole	11.47	167	712448	37.800	ng		98
73) Di-n-butylphthalate	11.80	149	991755	42.889	ng		99
74) Fluoranthene	12.44	202	637290	34.259	ng		98
76) Benzidine	12.57	184	289700	27.600	ng		99
77) Pyrene	12.67	202	639437	33.279	ng		100
79) Butylbenzylphthalate	13.30	149	315985	35.835	ng		95
80) Benzo(a)anthracene	13.86	228	532765	38.415	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	204362	39.797	ng		98
82) Chrysene	13.90	228	545390	37.714	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	407729	40.307	ng	#	99
84) Di-n-octyl phthalate	14.46	149	692330	41.245	ng		100
85) Indeno(1,2,3-cd)pyrene	16.66	276	488704	46.430	ng		100
87) Benzo(b)fluoranthene	14.88	252	595841	41.065	ng		98
88) Benzo(k)fluoranthene	14.91	252	520093	37.157	ng		99
89) Benzo(a)pyrene	15.23	252	526047	40.290	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	407468	39.106	ng		97
91) Benzo(g,h,i)perylene	17.07	276	371798	35.423	ng		99

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

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