Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
Data File : BF103184.D
Acq On : 23 Feb 2018 8:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:26 AM

Quant Time: Feb 23 10:32:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158294	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	689855	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	319095	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	540716	20.00	ng		0.00
75) Chrysene-d12	14.05	240	391319	20.00	ng		0.00
86) Perylene-d12	15.54	264	399362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	827384	79.05	ng		0.00
7) Phenol-d6	6.50	99	1007981	78.71	ng		0.00
23) Nitrobenzene-d5	7.44	82	942832	78.05	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	209474	77.56	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1408537	73.64	ng		0.00
78) Terphenyl-d14	12.99	244	1177239	72.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	221791	40.122	ng		93
3) Pyridine	3.42	79	632728	42.874	ng		96
4) n-Nitrosodimethylamine	3.37	42	243355	40.888	ng		99
6) Aniline	6.54	93	750431	40.601	ng		96
8) 2-Chlorophenol	6.66	128	433394	39.861	ng		93
9) Benzaldehyde	6.43	77	311811	40.079	ng		98
10) Phenol	6.52	94	597192	40.168	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	459981	40.764	ng		94
12) 1,3-Dichlorobenzene	6.82	146	487059	39.200	ng		99
13) 1,4-Dichlorobenzene	6.89	146	489765	39.316	ng		98
14) 1,2-Dichlorobenzene	7.05	146	443991	38.653	ng		98
15) Benzyl Alcohol	7.02	79	387727	40.176	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	778771	40.190	ng		99
17) 2-Methylphenol	7.13	107	400750	40.559	ng		98
18) Hexachloroethane	7.38	117	176883	39.005	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	311317	39.058	ng		97
20) 3+4-Methylphenols	7.28	107	450258	37.383	ng	#	74
22) Acetophenone	7.29	105	605702	37.616	ng	#	92
24) Nitrobenzene	7.46	77	521197	39.188	ng		96
25) Isophorone	7.70	82	921623	38.738	ng		99
26) 2-Nitrophenol	7.77	139	255118	40.747	ng		97
27) 2,4-Dimethylphenol	7.81	122	362456	37.873	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	542486	38.783	ng		99
29) 2,4-Dichlorophenol	8.02	162	359365	39.221	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	376345	38.571	ng		99
31) Naphthalene	8.18	128	1293755	38.306	ng		99
32) Benzoic acid	7.95	122	319502m	45.432	ng		
33) 4-Chloroaniline	8.23	127	580251	39.813	ng		97
34) Hexachlorobutadiene	8.29	225	193092	38.003	ng		98
35) Caprolactam	8.61	113	137281	42.631	ng	#	84
36) 4-Chloro-3-methylphenol	8.71	107	408303	39.508	ng		99
37) 2-Methylnaphthalene	8.87	142	831588	38.098	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	329535	37.776	ng		98
40) Hexachlorocyclopentadiene	9.02	237	98985	37.500	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	232483	39.607	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	262544	38.889	ng		97
45) 1,1'-Biphenyl	9.33	154	990831	37.056	ng		99
46) 2-Chloronaphthalene	9.36	162	798626	37.753	ng		99
47) 2-Nitroaniline	9.46	65	314900	40.188	ng		86
48) Acenaphthylene	9.78	152	1234988	37.944	ng		98
49) Dimethylphthalate	9.63	163	972414	37.987	ng		99
50) 2,6-Dinitrotoluene	9.70	165	212849	39.623	ng		94
51) Acenaphthene	9.95	154	698586	36.809	ng		99
52) 3-Nitroaniline	9.87	138	267903	39.308	ng		96
53) 2,4-Dinitrophenol	9.98	184	76839	44.458	ng	#	17
54) Dibenzofuran	10.12	168	1013156	38.888	ng		97
55) 4-Nitrophenol	10.03	139	167312	39.610	ng		92
56) 2,4-Dinitrotoluene	10.11	165	268449	39.513	ng		95
57) Fluorene	10.46	166	799136	36.007	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	177590	39.158	ng		97
59) Diethylphthalate	10.33	149	912064	37.253	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	348479	37.027	ng		100
61) 4-Nitroaniline	10.49	138	269786	39.631	ng		91
62) Azobenzene	10.62	77	936250	37.569	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	134965	41.741	ng		96
65) n-Nitrosodiphenylamine	10.57	169	717282	38.099	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	217883	38.682	ng		93
67) Hexachlorobenzene	11.02	284	234112	38.293	ng		94
68) Atrazine	11.10	200	219999	38.877	ng		97
69) Pentachlorophenol	11.21	266	127332	43.075	ng		99
70) Phenanthrene	11.43	178	1128420	37.921	ng		99
71) Anthracene	11.48	178	1146236	37.564	ng		100
72) Carbazole	11.64	167	1135734	37.376	ng		99
73) Di-n-butylphthalate	11.96	149	1417647	37.284	ng		99
74) Fluoranthene	12.62	202	1125585	37.641	ng		98
76) Benzidine	12.74	184	552882	37.792	ng		100
77) Pyrene	12.85	202	1164515	38.169	ng		100
79) Butylbenzylphthalate	13.46	149	611601	37.942	ng		97
80) Benzo(a)anthracene	14.04	228	988259	38.923	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	354685	39.143	ng		98
82) Chrysene	14.08	228	942227	38.219	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	810587	37.264	ng		99
84) Di-n-octyl phthalate	14.63	149	1360584	38.713	ng		99
85) Indeno(1,2,3-cd)pyrene	17.07	276	866050	44.373	ng		99
87) Benzo(b)fluoranthene	15.11	252	1027635	39.137	ng		97
88) Benzo(k)fluoranthene	15.14	252	877760	35.500	ng		99
89) Benzo(a)pyrene	15.49	252	899892	38.378	ng		96
90) Dibenzo(a,h)anthracene	17.08	278	696680	38.451	ng		98
91) Benzo(g,h,i)perylene	17.53	276	730184	41.234	ng		98

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

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