Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104250.D
Acq On : 5 Apr 2018 3:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/5/2018 4:39:14 PM

Quant Time: Apr 05 09:49:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	143683	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	598307	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	266011	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	439361	20.00	ng		0.00
75) Chrysene-d12	14.14	240	279801	20.00	ng		0.00
86) Perylene-d12	15.68	264	275797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	671039	74.48	ng		-0.01
7) Phenol-d6	6.60	99	887384	80.05	ng		0.00
23) Nitrobenzene-d5	7.53	82	817827	83.59	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	228651	77.19	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1465363	86.87	ng		0.00
78) Terphenyl-d14	13.07	244	1117834	92.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	142850	36.762	ng	#	88
3) Pyridine	3.57	79	378352m	38.461	ng		
4) n-Nitrosodimethylamine	3.58	42	99193m	33.923	ng		
6) Aniline	6.63	93	522398	39.367	ng	#	83
8) 2-Chlorophenol	6.75	128	420824	42.580	ng		94
9) Benzaldehyde	6.52	77	139753	20.932	ng		94
10) Phenol	6.61	94	541340	44.076	ng		96
11) bis(2-Chloroethyl)ether	6.69	93	496197	46.884	ng		87
12) 1,3-Dichlorobenzene	6.89	146	435535	39.203	ng		98
13) 1,4-Dichlorobenzene	6.97	146	515345	43.292	ng		100
14) 1,2-Dichlorobenzene	7.12	146	448869	41.952	ng		99
15) Benzyl Alcohol	7.10	79	262880	36.475	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	465782	40.397	ng	#	44
17) 2-Methylphenol	7.21	107	319849	39.763	ng	#	80
18) Hexachloroethane	7.45	117	149102	37.410	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	282588	42.957	ng		90
20) 3+4-Methylphenols	7.37	107	413211	40.250	ng	#	53
22) Acetophenone	7.37	105	596780	41.226	ng		99
24) Nitrobenzene	7.55	77	422797	41.073	ng		95
25) Isophorone	7.77	82	764921	42.425	ng		99
26) 2-Nitrophenol	7.86	139	215384	40.085	ng		90
27) 2,4-Dimethylphenol	7.89	122	296083	38.208	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	459824	40.692	ng		99
29) 2,4-Dichlorophenol	8.10	162	336087	41.522	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	378123	41.173	ng		99
31) Naphthalene	8.26	128	1288240	44.073	ng		100
32) Benzoic acid	8.04	122	198846	35.027	ng		88
33) 4-Chloroaniline	8.32	127	504310	40.925	ng		96
34) Hexachlorobutadiene	8.36	225	199985	40.017	ng		99
35) Caprolactam	8.70	113	101933	39.717	ng	#	73
36) 4-Chloro-3-methylphenol	8.80	107	347351	40.572	ng		96
37) 2-Methylnaphthalene	8.95	142	761123	39.532	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	351212	43.055	ng	#	98
40) Hexachlorocyclopentadiene	9.09	237	22158	10.769	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	201360	38.983	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	254116	40.745	ng		95
45) 1,1'-Biphenyl	9.41	154	968644	42.427	ng		99
46) 2-Chloronaphthalene	9.44	162	768579	42.677	ng		100
47) 2-Nitroaniline	9.55	65	217444	42.343	ng		92
48) Acenaphthylene	9.86	152	1098934	40.278	ng		100
49) Dimethylphthalate	9.71	163	882349	42.012	ng		100
50) 2,6-Dinitrotoluene	9.78	165	188445	41.705	ng		95
51) Acenaphthene	10.03	154	665595	42.171	ng		100
52) 3-Nitroaniline	9.97	138	217766	41.925	ng		97
53) 2,4-Dinitrophenol	10.14	184	14151	12.246	ng	#	24
54) Dibenzofuran	10.20	168	898190	38.970	ng		96
55) 4-Nitrophenol	10.16	139	53087	17.045	ng		96
56) 2,4-Dinitrotoluene	10.19	165	222060	38.514	ng	#	96
57) Fluorene	10.54	166	740357	38.941	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	197916	42.356	ng	#	79
59) Diethylphthalate	10.40	149	823318	40.920	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	355115	40.667	ng		97
61) 4-Nitroaniline	10.60	138	189473	38.985	ng		93
62) Azobenzene	10.69	77	725512	39.878	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	38551	14.495	ng		89
65) n-Nitrosodiphenylamine	10.66	169	664981	44.690	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	201337	42.833	ng		91
67) Hexachlorobenzene	11.09	284	228633	42.284	ng	#	87
68) Atrazine	11.17	200	190382	41.764	ng		99
69) Pentachlorophenol	11.29	266	102975	34.609	ng		96
70) Phenanthrene	11.52	178	910200	38.264	ng		98
71) Anthracene	11.56	178	1052057	42.342	ng		99
72) Carbazole	11.73	167	958453	40.416	ng		99
73) Di-n-butylphthalate	12.03	149	1196218	42.348	ng		99
74) Fluoranthene	12.70	202	887561	35.102	ng		98
76) Benzidine	12.84	184	384660	48.241	ng		97
77) Pyrene	12.94	202	853097	42.414	ng		100
79) Butylbenzylphthalate	13.53	149	423322	44.673	ng		95
80) Benzo(a)anthracene	14.13	228	658522	37.613	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	258562	44.617	ng		98
82) Chrysene	14.17	228	748768	43.665	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	563552	46.028	ng		99
84) Di-n-octyl phthalate	14.70	149	846184	40.177	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	625384	35.194	ng		97
87) Benzo(b)fluoranthene	15.22	252	579856	34.547	ng		99
88) Benzo(k)fluoranthene	15.25	252	758033	47.942	ng		99
89) Benzo(a)pyrene	15.62	252	610644	39.259	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	546128	37.976	ng		97
91) Benzo(g,h,i)perylene	17.74	276	494628	34.339	ng		95

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

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