Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104385.D
Acq On : 9 Apr 2018 21:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/10/2018 12:00:29 PM

Quant Time: Apr 10 03:17:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134391	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	518845	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	211803	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	305799	20.00	ng		0.00
75) Chrysene-d12	13.98	240	255609	20.00	ng		0.00
86) Perylene-d12	15.44	264	200478	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	664487	75.60	ng		0.00
7) Phenol-d6	6.44	99	816356	75.60	ng		0.01
23) Nitrobenzene-d5	7.37	82	698542	87.91	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	151700	69.05	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1125547	83.95	ng		0.00
78) Terphenyl-d14	12.92	244	793746	70.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	155534	37.978	ng		90
3) Pyridine	3.25	79	435350	37.809	ng		88
4) n-Nitrosodimethylamine	3.20	42	146546	36.409	ng		81
6) Aniline	6.47	93	561716	37.439	ng		97
8) 2-Chlorophenol	6.59	128	356043	38.380	ng		96
9) Benzaldehyde	6.36	77	216937	39.571	ng		99
10) Phenol	6.45	94	459932	40.140	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	349062	38.175	ng		97
12) 1,3-Dichlorobenzene	6.75	146	400979	38.154	ng		99
13) 1,4-Dichlorobenzene	6.83	146	401705	38.345	ng		99
14) 1,2-Dichlorobenzene	6.98	146	370084	38.121	ng		99
15) Benzyl Alcohol	6.95	79	300812	36.675	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	452414	36.843	ng		93
17) 2-Methylphenol	7.06	107	306640	38.027	ng		98
18) Hexachloroethane	7.32	117	114955	30.776	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	244951	34.712	ng		92
20) 3+4-Methylphenols	7.22	107	368097	36.806	ng	#	81
22) Acetophenone	7.22	105	483795	37.874	ng		99
24) Nitrobenzene	7.40	77	370780	42.265	ng		95
25) Isophorone	7.63	82	637958	37.968	ng		99
26) 2-Nitrophenol	7.71	139	159570	44.680	ng		95
27) 2,4-Dimethylphenol	7.75	122	278303	37.530	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	400109	38.947	ng		100
29) 2,4-Dichlorophenol	7.95	162	273172	38.608	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	299957	38.629	ng		98
31) Naphthalene	8.12	128	988360	38.256	ng		99
32) Benzoic acid	7.86	122	241692	40.849	ng		97
33) 4-Chloroaniline	8.16	127	421037	38.039	ng		99
34) Hexachlorobutadiene	8.23	225	167526	39.388	ng		98
35) Caprolactam	8.54	113	90789	36.782	ng	#	85
36) 4-Chloro-3-methylphenol	8.64	107	279861	36.888	ng		99
37) 2-Methylnaphthalene	8.80	142	618385	37.003	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	263782	43.507	ng		99
40) Hexachlorocyclopentadiene	8.96	237	13429	3.956	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	173766	41.286	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	190498	40.447	ng		96
45) 1,1'-Biphenyl	9.27	154	740376	41.611	ng		98
46) 2-Chloronaphthalene	9.30	162	569814	40.544	ng		99
47) 2-Nitroaniline	9.39	65	172594	49.659	ng		96
48) Acenaphthylene	9.71	152	859004	38.956	ng		100
49) Dimethylphthalate	9.57	163	700977	41.969	ng		99
50) 2,6-Dinitrotoluene	9.63	165	137531	44.500	ng		98
51) Acenaphthene	9.89	154	495053	36.796	ng		100
52) 3-Nitroaniline	9.80	138	168807	46.656	ng		99
53) 2,4-Dinitrophenol	9.90	184	3794	9.499	ng	#	25
54) Dibenzofuran	10.06	168	703655	37.530	ng		100
55) 4-Nitrophenol	9.95	139	101039	35.550	ng		99
56) 2,4-Dinitrotoluene	10.04	165	161533	39.846	ng	#	86
57) Fluorene	10.40	166	514812	37.723	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	122952	34.992	ng		95
59) Diethylphthalate	10.27	149	656465	39.464	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	248964	40.964	ng		96
61) 4-Nitroaniline	10.42	138	153303	43.334	ng		95
62) Azobenzene	10.55	77	559743	35.221	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	8936	12.429	ng		95
65) n-Nitrosodiphenylamine	10.51	169	486774	45.910	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	145811	44.827	ng		94
67) Hexachlorobenzene	10.95	284	150491	41.118	ng		92
68) Atrazine	11.03	200	125254	39.137	ng		99
69) Pentachlorophenol	11.13	266	99908	44.124	ng		98
70) Phenanthrene	11.36	178	662617	38.909	ng		99
71) Anthracene	11.41	178	666650	38.510	ng		99
72) Carbazole	11.57	167	633421	37.445	ng		99
73) Di-n-butylphthalate	11.90	149	869691	42.088	ng		100
74) Fluoranthene	12.55	202	645164	36.260	ng		98
76) Benzidine	12.67	184	399823	49.094	ng		99
77) Pyrene	12.78	202	663216	35.004	ng		99
79) Butylbenzylphthalate	13.40	149	318645	35.698	ng		97
80) Benzo(a)anthracene	13.97	228	595130	38.973	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	240893	42.309	ng		95
82) Chrysene	14.01	228	600544	38.288	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	443816	38.656	ng		100
84) Di-n-octyl phthalate	14.58	149	766183	39.939	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	422713m	31.725	ng		
87) Benzo(b)fluoranthene	15.02	252	503009	39.726	ng		99
88) Benzo(k)fluoranthene	15.05	252	502068	42.000	ng		98
89) Benzo(a)pyrene	15.38	252	444010	39.192	ng		97
90) Dibenzo(a,h)anthracene	16.91	278	354417	38.090	ng		98
91) Benzo(g,h,i)perylene	17.33	276	333561	37.002	ng		97

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

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