Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104152.D
Acq On : 3 Apr 2018 1:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/3/2018 2:27:41 PM

Quant Time: Apr 03 02:28:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76924	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	334684	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	143967	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	210742	20.00	ng		0.00
75) Chrysene-d12	14.15	240	183954	20.00	ng		0.00
86) Perylene-d12	15.69	264	174730	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	384540	79.72	ng		0.00
7) Phenol-d6	6.60	99	496730	83.70	ng		0.00
23) Nitrobenzene-d5	7.53	82	462320	84.48	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	112418	70.13	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	878769	96.25	ng		0.00
78) Terphenyl-d14	13.07	244	607573	76.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	77644	37.322	ng		91
3) Pyridine	3.59	79	184958	35.119	ng	#	88
4) n-Nitrosodimethylamine	3.56	42	45497m	29.063	ng		
6) Aniline	6.63	93	284895	40.102	ng	#	88
8) 2-Chlorophenol	6.75	128	235985	44.599	ng		95
9) Benzaldehyde	6.52	77	121962m	39.609	ng		
10) Phenol	6.61	94	259468	39.460	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	275681	48.654	ng		88
12) 1,3-Dichlorobenzene	6.90	146	245705	41.310	ng		99
13) 1,4-Dichlorobenzene	6.98	146	283340	44.459	ng		99
14) 1,2-Dichlorobenzene	7.13	146	239152	41.749	ng		99
15) Benzyl Alcohol	7.10	79	157576	40.839	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	264751	42.889	ng		54
17) 2-Methylphenol	7.21	107	181917	42.242	ng		93
18) Hexachloroethane	7.46	117	83130	38.959	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	155298	44.095	ng		92
20) 3+4-Methylphenols	7.37	107	249588	45.411	ng	#	52
22) Acetophenone	7.37	105	344251	42.513	ng	#	98
24) Nitrobenzene	7.55	77	235407	40.882	ng		98
25) Isophorone	7.77	82	399768	39.637	ng		99
26) 2-Nitrophenol	7.86	139	117058	38.945	ng		91
27) 2,4-Dimethylphenol	7.89	122	171069	39.464	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	253123	40.044	ng		98
29) 2,4-Dichlorophenol	8.10	162	180184	39.796	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	215278	41.905	ng		99
31) Naphthalene	8.26	128	649338	39.714	ng		99
32) Benzoic acid	8.02	122	103110	32.470	ng		92
33) 4-Chloroaniline	8.32	127	265633	38.536	ng		96
34) Hexachlorobutadiene	8.37	225	119032	42.579	ng		98
35) Caprolactam	8.69	113	52100	36.290	ng	#	74
36) 4-Chloro-3-methylphenol	8.79	107	186700	38.984	ng		99
37) 2-Methylnaphthalene	8.95	142	423493	39.321	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	195810	44.353	ng		97
40) Hexachlorocyclopentadiene	9.09	237	3345	6.888	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	106559	38.118	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	138719	41.097	ng		97
45) 1,1'-Biphenyl	9.42	154	544368	44.056	ng		99
46) 2-Chloronaphthalene	9.45	162	418399	42.927	ng		99
47) 2-Nitroaniline	9.55	65	110293	39.684	ng		98
48) Acenaphthylene	9.86	152	607500	41.142	ng		100
49) Dimethylphthalate	9.71	163	482998	42.493	ng		99
50) 2,6-Dinitrotoluene	9.79	165	95898	39.215	ng		87
51) Acenaphthene	10.03	154	359945	42.138	ng		99
52) 3-Nitroaniline	9.97	138	110590	39.340	ng		99
53) 2,4-Dinitrophenol	10.10	184	1138	6.564	ng	#	26
54) Dibenzofuran	10.20	168	490270	39.303	ng		97
55) 4-Nitrophenol	10.15	139	32546	19.309	ng		96
56) 2,4-Dinitrotoluene	10.19	165	109296	35.026	ng		96
57) Fluorene	10.55	166	393849	38.276	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	88267	34.904	ng	#	86
59) Diethylphthalate	10.40	149	454714	41.759	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	194621	41.182	ng		100
61) 4-Nitroaniline	10.59	138	89548	34.044	ng		87
62) Azobenzene	10.70	77	373976	37.981	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	15653	12.270	ng		89
65) n-Nitrosodiphenylamine	10.66	169	349268	48.937	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	101920	45.205	ng		93
67) Hexachlorobenzene	11.10	284	110979	42.791	ng	#	89
68) Atrazine	11.18	200	97770	44.715	ng		97
69) Pentachlorophenol	11.30	266	51755	36.264	ng		96
70) Phenanthrene	11.52	178	449855	39.427	ng		98
71) Anthracene	11.57	178	523232	43.903	ng		99
72) Carbazole	11.73	167	455052	40.005	ng		99
73) Di-n-butylphthalate	12.03	149	622724	45.961	ng		99
74) Fluoranthene	12.71	202	461769	38.074	ng		98
76) Benzidine	12.84	184	209383	39.941	ng		99
77) Pyrene	12.94	202	470854	35.607	ng		98
79) Butylbenzylphthalate	13.54	149	219041	35.159	ng		100
80) Benzo(a)anthracene	14.14	228	432057	37.537	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	167121	43.864	ng		99
82) Chrysene	14.17	228	488439	43.325	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	300059	37.276	ng		100
84) Di-n-octyl phthalate	14.72	149	526830	38.047	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	372956m	31.924	ng		
87) Benzo(b)fluoranthene	15.23	252	439743	41.353	ng		98
88) Benzo(k)fluoranthene	15.26	252	488455	48.762	ng		98
89) Benzo(a)pyrene	15.62	252	405070	41.106	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	318548	34.963	ng		98
91) Benzo(g,h,i)perylene	17.76	276	290432m	31.826	ng		

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

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