Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102090.D
Acq On : 16 Jan 2018 5:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/16/2018 5:01:31 PM

Quant Time: Jan 16 07:12:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143303	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	564148	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	223389	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	308230	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	251801	20.00	ng		-0.01
86) Perylene-d12	15.28	264	244324	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	750794	73.98	ng		0.00
7) Phenol-d6	6.36	99	862076	71.20	ng		0.00
23) Nitrobenzene-d5	7.29	82	772594	80.48	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	144968	74.36	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1319108	92.25	ng		-0.01
78) Terphenyl-d14	12.82	244	752728	62.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	189010	37.320	ng		97
3) Pyridine	3.08	79	481941	34.846	ng		93
4) n-Nitrosodimethylamine	3.05	42	198781	34.321	ng		97
6) Aniline	6.39	93	584968	34.282	ng		100
8) 2-Chlorophenol	6.50	128	382511	37.582	ng		99
9) Benzaldehyde	6.27	77	276996	32.948	ng		99
10) Phenol	6.37	94	476171	34.799	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	361153	34.676	ng		96
12) 1,3-Dichlorobenzene	6.66	146	448641	38.238	ng		98
13) 1,4-Dichlorobenzene	6.74	146	449933	38.430	ng		99
14) 1,2-Dichlorobenzene	6.89	146	421845	38.928	ng		99
15) Benzyl Alcohol	6.87	79	321741	36.327	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	609922	31.768	ng		99
17) 2-Methylphenol	6.98	107	328584	35.787	ng		98
18) Hexachloroethane	7.23	117	144908	35.148	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	269635	33.981	ng		98
20) 3+4-Methylphenols	7.13	107	386582	35.066	ng	#	70
22) Acetophenone	7.14	105	518546	38.149	ng	#	92
24) Nitrobenzene	7.31	77	399181	38.696	ng		98
25) Isophorone	7.55	82	664371	35.024	ng		99
26) 2-Nitrophenol	7.62	139	197919	45.839	ng		97
27) 2,4-Dimethylphenol	7.66	122	300725	37.294	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	412263	35.994	ng		99
29) 2,4-Dichlorophenol	7.86	162	298007	38.921	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	321160	40.100	ng		98
31) Naphthalene	8.03	128	1082052	38.385	ng		100
32) Benzoic acid	7.76	122	176933m	28.936	ng		
33) 4-Chloroaniline	8.08	127	447837	37.221	ng		96
34) Hexachlorobutadiene	8.14	225	178686	42.150	ng		97
35) Caprolactam	8.45	113	87398	33.249	ng		97
36) 4-Chloro-3-methylphenol	8.56	107	301146	35.931	ng		98
37) 2-Methylnaphthalene	8.72	142	689669	37.163	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	281932	44.611	ng		98
40) Hexachlorocyclopentadiene	8.87	237	28955	8.378	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	183128	42.049	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	201181	40.872	ng		98
45) 1,1'-Biphenyl	9.18	154	813575	41.204	ng		99
46) 2-Chloronaphthalene	9.20	162	626906	40.943	ng		99
47) 2-Nitroaniline	9.30	65	192004	41.862	ng		98
48) Acenaphthylene	9.62	152	932075	38.358	ng		99
49) Dimethylphthalate	9.49	163	740938	41.346	ng		100
50) 2,6-Dinitrotoluene	9.55	165	152210	42.521	ng		97
51) Acenaphthene	9.79	154	548046	37.159	ng		99
52) 3-Nitroaniline	9.72	138	172829	38.256	ng		90
53) 2,4-Dinitrophenol	9.82	184	7568	13.591	ng	#	21
54) Dibenzofuran	9.96	168	765813	37.834	ng		98
55) 4-Nitrophenol	9.87	139	100816	29.945	ng		97
56) 2,4-Dinitrotoluene	9.95	165	183493	40.898	ng		97
57) Fluorene	10.30	166	558098	39.885	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	124007	35.387	ng		99
59) Diethylphthalate	10.18	149	695466	39.014	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	257371	43.195	ng		99
61) 4-Nitroaniline	10.32	138	146829	34.246	ng		95
62) Azobenzene	10.46	77	591837	33.370	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	21392	16.934	ng		86
65) n-Nitrosodiphenylamine	10.42	169	514935	44.614	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	148437	45.602	ng		94
67) Hexachlorobenzene	10.85	284	152704	42.973	ng		96
68) Atrazine	10.95	200	146314	43.865	ng		99
69) Pentachlorophenol	11.04	266	81698	37.703	ng		98
70) Phenanthrene	11.26	178	698650	38.804	ng		99
71) Anthracene	11.31	178	702789	38.488	ng		100
72) Carbazole	11.47	167	645295	35.954	ng		99
73) Di-n-butylphthalate	11.80	149	1609368	73.088	ng		99
74) Fluoranthene	12.45	202	630250	35.579	ng		98
76) Benzidine	12.57	184	291940	24.010	ng		99
77) Pyrene	12.67	202	658558	29.588	ng		99
79) Butylbenzylphthalate	13.30	149	329018	32.211	ng		93
80) Benzo(a)anthracene	13.86	228	596667	37.139	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	242991	40.849	ng		98
82) Chrysene	13.90	228	616900	36.825	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	425890	36.346	ng		99
84) Di-n-octyl phthalate	14.47	149	798658	41.074	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	475441	38.994	ng		100
87) Benzo(b)fluoranthene	14.88	252	605770	38.025	ng		98
88) Benzo(k)fluoranthene	14.91	252	586456	38.161	ng		98
89) Benzo(a)pyrene	15.23	252	545818	38.075	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	404912	35.394	ng		98
91) Benzo(g,h,i)perylene	17.07	276	372574	32.331	ng		98

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

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