Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100760.D
Acq On : 21 Nov 2017 5:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
11/21/2017 2:17:17 PM

Quant Time: Nov 21 07:01:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	82600	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	315153	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	128659	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	199893	20.00	ng		0.00
75) Chrysene-d12	14.04	240	187645	20.00	ng		0.00
86) Perylene-d12	15.51	264	153463	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	416050	80.74	ng		0.00
7) Phenol-d6	6.50	99	493927	77.73	ng		0.00
23) Nitrobenzene-d5	7.44	82	440236	92.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	103331	78.82	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	835003	98.82	ng		0.00
78) Terphenyl-d14	12.98	244	621733	76.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	95392	37.987	ng		98
3) Pyridine	3.41	79	248912	36.332	ng		91
4) n-Nitrosodimethylamine	3.37	42	113505	34.123	ng		98
6) Aniline	6.54	93	329563	36.712	ng		99
8) 2-Chlorophenol	6.66	128	223306	40.964	ng		98
9) Benzaldehyde	6.43	77	156111	34.402	ng		95
10) Phenol	6.52	94	273336m	40.977	ng		
11) bis(2-Chloroethyl)ether	6.61	93	208045	37.131	ng		97
12) 1,3-Dichlorobenzene	6.82	146	262236	41.725	ng		96
13) 1,4-Dichlorobenzene	6.89	146	264871	41.639	ng		98
14) 1,2-Dichlorobenzene	7.05	146	244535	41.578	ng		96
15) Benzyl Alcohol	7.02	79	189706	38.254	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	310483	34.647	ng		98
17) 2-Methylphenol	7.12	107	183470	39.385	ng		98
18) Hexachloroethane	7.39	117	71349	34.019	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	160562	36.436	ng		95
20) 3+4-Methylphenols	7.27	107	228464	38.756	ng		93
22) Acetophenone	7.29	105	310388	40.389	ng	#	98
24) Nitrobenzene	7.46	77	217705	44.373	ng		100
25) Isophorone	7.69	82	375673	37.503	ng		99
26) 2-Nitrophenol	7.77	139	104686	45.788	ng		96
27) 2,4-Dimethylphenol	7.80	122	174223	38.798	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	259137	39.549	ng		100
29) 2,4-Dichlorophenol	8.01	162	184874	43.126	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	200236	43.182	ng		95
31) Naphthalene	8.18	128	625180	41.186	ng		99
32) Benzoic acid	7.92	122	125055m	38.638	ng		
33) 4-Chloroaniline	8.23	127	259528	41.075	ng		97
34) Hexachlorobutadiene	8.29	225	121309	43.999	ng		99
35) Caprolactam	8.60	113	53671	36.482	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	176570	38.351	ng		92
37) 2-Methylnaphthalene	8.87	142	405052	40.193	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	212697	49.847	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	12031	5.991	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	123554	45.687	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	127506	45.507	ng	#	89
45) 1,1'-Biphenyl	9.33	154	524537	47.138	ng		99
46) 2-Chloronaphthalene	9.36	162	365744	45.306	ng		97
47) 2-Nitroaniline	9.45	65	110724	46.510	ng		97
48) Acenaphthylene	9.77	152	570374	42.634	ng		100
49) Dimethylphthalate	9.63	163	455105	46.329	ng		99
50) 2,6-Dinitrotoluene	9.70	165	89435	45.995	ng	#	81
51) Acenaphthene	9.95	154	334801	41.148	ng		98
52) 3-Nitroaniline	9.86	138	105093	45.770	ng		97
53) 2,4-Dinitrophenol	9.97	184	3150	12.790	ng	#	20
54) Dibenzofuran	10.12	168	469366	41.159	ng		99
55) 4-Nitrophenol	10.02	139	61883	33.192	ng		86
56) 2,4-Dinitrotoluene	10.10	165	104157	42.461	ng	#	83
57) Fluorene	10.46	166	352754	42.226	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	86585	37.705	ng	#	84
59) Diethylphthalate	10.33	149	423744	43.106	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	182504	44.533	ng		92
61) 4-Nitroaniline	10.47	138	92799	42.623	ng		88
62) Azobenzene	10.61	77	329252	35.562	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	8368	15.381	ng		76
65) n-Nitrosodiphenylamine	10.57	169	351542	50.578	ng		96
66) 4-Bromophenyl-phenylether	10.94	248	106569	49.733	ng	#	86
67) Hexachlorobenzene	11.01	284	102194	45.599	ng	#	80
68) Atrazine	11.09	200	92960	44.184	ng		97
69) Pentachlorophenol	11.20	266	73998	46.047	ng		98
70) Phenanthrene	11.42	178	443713	42.159	ng		98
71) Anthracene	11.47	178	455093	42.620	ng		100
72) Carbazole	11.63	167	397848	40.381	ng		98
73) Di-n-butylphthalate	11.95	149	553877	48.039	ng		98
74) Fluoranthene	12.61	202	464857	41.676	ng		96
76) Benzidine	12.73	184	274720	36.557	ng		98
77) Pyrene	12.84	202	482868	36.099	ng		98
79) Butylbenzylphthalate	13.45	149	213976	39.226	ng		92
80) Benzo(a)anthracene	14.03	228	479654	42.448	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	183534	45.333	ng		98
82) Chrysene	14.06	228	449655	41.093	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	317015	44.186	ng		99
84) Di-n-octyl phthalate	14.62	149	568995	46.165	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	309039	34.917	ng		94
87) Benzo(b)fluoranthene	15.08	252	408562	44.937	ng		98
88) Benzo(k)fluoranthene	15.11	252	390038	45.403	ng	#	95
89) Benzo(a)pyrene	15.44	252	340201	42.207	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	265032	40.207	ng		96
91) Benzo(g,h,i)perylene	17.44	276	245163	37.994	ng		96

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

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