Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099832.D
Acq On : 26 Oct 2017 00:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:21 AM

Quant Time: Oct 26 04:02:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	62243	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	255654	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	114042	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	207427	20.00	ng		0.00
75) Chrysene-d12	13.99	240	157772	20.00	ng		0.00
86) Perylene-d12	15.46	264	141037	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	335560	84.64	ng		0.00
7) Phenol-d6	6.44	99	388196	82.58	ng		0.00
23) Nitrobenzene-d5	7.37	82	318575	80.23	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	84964	81.75	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	645072	87.27	ng		0.00
78) Terphenyl-d14	12.92	244	596246	82.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	72422	41.366	ng	#	87
3) Pyridine	3.24	79	169593	40.282	ng		89
4) n-Nitrosodimethylamine	3.18	42	63276	42.069	ng	#	72
6) Aniline	6.46	93	249952	41.007	ng		98
8) 2-Chlorophenol	6.58	128	177328	41.967	ng		93
9) Benzaldehyde	6.35	77	118234	42.090	ng		93
10) Phenol	6.45	94	213568	41.378	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	164657	41.312	ng		92
12) 1,3-Dichlorobenzene	6.73	146	197151	41.554	ng		96
13) 1,4-Dichlorobenzene	6.81	146	199529	41.438	ng		97
14) 1,2-Dichlorobenzene	6.96	146	183725	41.865	ng		98
15) Benzyl Alcohol	6.95	79	124988	41.808	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	152481	34.440	ng		63
17) 2-Methylphenol	7.06	107	147603	41.761	ng		97
18) Hexachloroethane	7.30	117	57704	35.920	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	112972	41.008	ng		89
20) 3+4-Methylphenols	7.22	107	179432	43.599	ng	#	76
22) Acetophenone	7.21	105	240600	41.333	ng	#	96
24) Nitrobenzene	7.39	77	162799	40.688	ng		89
25) Isophorone	7.62	82	279708	38.818	ng		95
26) 2-Nitrophenol	7.70	139	84493	36.870	ng		89
27) 2,4-Dimethylphenol	7.74	122	138678	41.071	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	201111	39.852	ng		99
29) 2,4-Dichlorophenol	7.95	162	142433	40.607	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	148761	39.693	ng		99
31) Naphthalene	8.10	128	496265	40.214	ng		99
32) Benzoic acid	7.88	122	95761m	32.220	ng		
33) 4-Chloroaniline	8.16	127	209230	41.059	ng		96
34) Hexachlorobutadiene	8.21	225	77947	40.435	ng		97
35) Caprolactam	8.54	113	43366	39.314	ng	#	82
36) 4-Chloro-3-methylphenol	8.65	107	138753	38.756	ng		96
37) 2-Methylnaphthalene	8.79	142	330766	39.996	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	153482	41.670	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	191	10.313	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	94622	42.470	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	99090	41.912	ng	#	91
45) 1,1'-Biphenyl	9.26	154	426076	41.299	ng		99
46) 2-Chloronaphthalene	9.29	162	303689	40.533	ng		95
47) 2-Nitroaniline	9.39	65	81686	41.540	ng		87
48) Acenaphthylene	9.70	152	478905	41.500	ng		99
49) Dimethylphthalate	9.56	163	364028	40.308	ng		99
50) 2,6-Dinitrotoluene	9.63	165	75663	39.853	ng		88
51) Acenaphthene	9.87	154	285542	40.496	ng		99
52) 3-Nitroaniline	9.81	138	96442	43.111	ng		88
53) 2,4-Dinitrophenol	9.96	184	1059	7.072	ng	#	49
54) Dibenzofuran	10.05	168	413281	41.523	ng		97
55) 4-Nitrophenol	9.99	139	45908	39.276	ng	#	79
56) 2,4-Dinitrotoluene	10.05	165	92396	40.411	ng		93
57) Fluorene	10.39	166	338599	41.088	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	67397	40.658	ng	#	95
59) Diethylphthalate	10.26	149	356603	40.434	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	161569	41.659	ng		91
61) 4-Nitroaniline	10.43	138	92608	43.390	ng		83
62) Azobenzene	10.54	77	290322	39.270	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	6905	5.296	ng	#	74
65) n-Nitrosodiphenylamine	10.50	169	311729	40.711	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	86181	39.466	ng		94
67) Hexachlorobenzene	10.94	284	87257	39.058	ng		97
68) Atrazine	11.03	200	90149	39.194	ng		98
69) Pentachlorophenol	11.15	266	37656	39.446	ng		98
70) Phenanthrene	11.36	178	464353	39.668	ng		98
71) Anthracene	11.41	178	475270	39.998	ng		99
72) Carbazole	11.57	167	450454	40.313	ng		99
73) Di-n-butylphthalate	11.89	149	577282	40.505	ng		99
74) Fluoranthene	12.55	202	475976	39.126	ng		98
76) Benzidine	12.68	184	268613	38.909	ng		99
77) Pyrene	12.78	202	487512	40.637	ng		99
79) Butylbenzylphthalate	13.39	149	240886	40.775	ng		87
80) Benzo(a)anthracene	13.97	228	396798	39.673	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	154211	42.476	ng		96
82) Chrysene	14.02	228	363961	38.707	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	342440	41.277	ng		99
84) Di-n-octyl phthalate	14.56	149	572558	40.210	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	284239	32.928	ng		97
87) Benzo(b)fluoranthene	15.03	252	377007	42.333	ng		96
88) Benzo(k)fluoranthene	15.06	252	333359	39.696	ng		99
89) Benzo(a)pyrene	15.40	252	322928	40.366	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	246910	34.735	ng		97
91) Benzo(g,h,i)perylene	17.39	276	219164	31.514	ng		95

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

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