Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097322.D
Acq On : 3 Aug 2017 17:47
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/4/2017 5:30:16 PM

Quant Time: Aug 04 01:15:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	109349	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	447642	20.00	ng		-0.06
38) Acenaphthene-d10	9.47	164	199081	20.00	ng		-0.06
63) Phenanthrene-d10	10.94	188	343120	20.00	ng		-0.06
75) Chrysene-d12	13.56	240	221813	20.00	ng		-0.06
86) Perylene-d12	14.90	264	217200	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	614100	84.66	ng		-0.06
7) Phenol-d6	6.12	99	687397	83.01	ng		-0.05
23) Nitrobenzene-d5	7.02	82	600685	78.72	ng		-0.05
41) 2,4,6-Tribromophenol	10.26	330	130571	83.01	ng		-0.06
44) 2-Fluorobiphenyl	8.80	172	920229	78.45	ng		-0.06
78) Terphenyl-d14	12.52	244	868176	79.80	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	143534	47.417	ng	#	78
3) Pyridine	2.55	79	327275	35.308	ng	#	65
4) n-Nitrosodimethylamine	2.51	42	198503	38.656	ng		80
6) Aniline	6.11	93	437791	42.012	ng		91
8) 2-Chlorophenol	6.24	128	332386	42.854	ng		97
9) Benzaldehyde	5.99	77	209464	42.734	ng		99
10) Phenol	6.13	94	433408	44.124	ng		97
11) bis(2-Chloroethyl)ether	6.19	93	330845	42.587	ng		88
12) 1,3-Dichlorobenzene	6.39	146	345248	41.304	ng		99
13) 1,4-Dichlorobenzene	6.46	146	348941	42.124	ng		96
14) 1,2-Dichlorobenzene	6.62	146	293075	40.521	ng		98
15) Benzyl Alcohol	6.61	79	230634	43.990	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.74	45	638217	40.959	ng		60
17) 2-Methylphenol	6.73	107	246636	41.201	ng	#	89
18) Hexachloroethane	6.95	117	120457	39.748	ng	#	79
19) n-Nitroso-di-n-propylamine	6.88	70	213166	39.107	ng	#	79
20) 3+4-Methylphenols	6.89	107	327514	41.890	ng	#	63
22) Acetophenone	6.87	105	423793	39.423	ng	#	97
24) Nitrobenzene	7.04	77	322211	40.544	ng		95
25) Isophorone	7.29	82	550292	36.825	ng		96
26) 2-Nitrophenol	7.36	139	176433	41.035	ng	#	88
27) 2,4-Dimethylphenol	7.42	122	273459	38.556	ng		96
28) bis(2-Chloroethoxy)methane	7.50	93	368748	37.813	ng		99
29) 2,4-Dichlorophenol	7.60	162	251575	41.174	ng		95
30) 1,2,4-Trichlorobenzene	7.67	180	232393	39.903	ng		96
31) Naphthalene	7.75	128	878806	41.647	ng		99
32) Benzoic acid	7.59	122	215019	40.600	ng		96
33) 4-Chloroaniline	7.81	127	350937	40.873	ng		100
34) Hexachlorobutadiene	7.87	225	123443	39.981	ng		99
35) Caprolactam	8.19	113	88092m	44.963	ng		
36) 4-Chloro-3-methylphenol	8.32	107	279654	41.953	ng		89
37) 2-Methylnaphthalene	8.44	142	544002	40.718	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.61	216	215434	40.556	ng		99
40) Hexachlorocyclopentadiene	8.59	237	82029	47.113	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	152035	39.495	ng		97
43) 2,4,5-Trichlorophenol	8.77	196	148390	38.513	ng		98
45) 1,1'-Biphenyl	8.90	154	672192	39.531	ng		98
46) 2-Chloronaphthalene	8.92	162	505450	40.393	ng	#	93
47) 2-Nitroaniline	9.03	65	193600	42.632	ng		98
48) Acenaphthylene	9.33	152	738240	38.436	ng		99
49) Dimethylphthalate	9.21	163	591193	39.106	ng		99
50) 2,6-Dinitrotoluene	9.27	165	127245	39.685	ng	#	74
51) Acenaphthene	9.50	154	452763	40.020	ng		98
52) 3-Nitroaniline	9.44	138	162233	40.763	ng		97
53) 2,4-Dinitrophenol	9.56	184	55487	38.060	ng	#	77
54) Dibenzofuran	9.67	168	619530	41.112	ng		98
55) 4-Nitrophenol	9.63	139	81634	34.491	ng	#	63
56) 2,4-Dinitrotoluene	9.68	165	163650	44.397	ng	#	64
57) Fluorene	10.02	166	467223	41.252	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.80	232	109958	41.332	ng		97
59) Diethylphthalate	9.90	149	592169	42.695	ng		99
60) 4-Chlorophenyl-phenylether	10.01	204	193331	41.337	ng		99
61) 4-Nitroaniline	10.06	138	153705	40.645	ng		94
62) Azobenzene	10.17	77	563715	43.812	ng		92
64) 4,6-Dinitro-2-methylphenol	10.09	198	92058	43.177	ng		90
65) n-Nitrosodiphenylamine	10.13	169	458727	38.424	ng		99
66) 4-Bromophenyl-phenylether	10.49	248	136963	39.998	ng		93
67) Hexachlorobenzene	10.56	284	149700	38.985	ng	#	87
68) Atrazine	10.67	200	129637	37.868	ng		96
69) Pentachlorophenol	10.76	266	62940	39.615	ng		94
70) Phenanthrene	10.96	178	700315	38.093	ng		99
71) Anthracene	11.02	178	707468	37.572	ng		99
72) Carbazole	11.18	167	745967	40.282	ng		99
73) Di-n-butylphthalate	11.52	149	915609	39.998	ng		99
74) Fluoranthene	12.14	202	688186	38.210	ng		99
76) Benzidine	12.27	184	206904	25.139	ng	#	93
77) Pyrene	12.37	202	725743	39.966	ng		99
79) Butylbenzylphthalate	13.00	149	381068	41.254	ng	#	77
80) Benzo(a)anthracene	13.55	228	593953	41.384	ng		98
81) 3,3'-Dichlorobenzidine	13.52	252	230169	42.527	ng	#	97
82) Chrysene	13.59	228	598161	42.682	ng		98
83) Bis(2-ethylhexyl)phthalate	13.56	149	478786	39.699	ng		97
84) Di-n-octyl phthalate	14.17	149	915325	41.357	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.10	276	424328	35.310	ng		98
87) Benzo(b)fluoranthene	14.55	252	547443	41.929	ng		99
88) Benzo(k)fluoranthene	14.57	252	458447	36.848	ng		96
89) Benzo(a)pyrene	14.85	252	486479	40.711	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	347708	35.483	ng		95
91) Benzo(g,h,i)perylene	16.45	276	363667	35.390	ng		100

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

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