Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097391.D
Acq On : 5 Aug 2017 12:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/7/2017 6:00:38 PM

Quant Time: Aug 06 01:16:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	92505	20.00	ng		-0.08
21) Naphthalene-d8	7.71	136	409120	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	177514	20.00	ng		-0.08
63) Phenanthrene-d10	10.92	188	291558	20.00	ng		-0.08
75) Chrysene-d12	13.54	240	194124	20.00	ng		-0.08
86) Perylene-d12	14.88	264	170993	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	538818	87.81	ng		-0.08
7) Phenol-d6	6.10	99	603748	86.18	ng		-0.07
23) Nitrobenzene-d5	7.00	82	600467	86.10	ng		-0.07
41) 2,4,6-Tribromophenol	10.24	330	115088	82.06	ng		-0.08
44) 2-Fluorobiphenyl	8.79	172	867569	82.94	ng		-0.08
78) Terphenyl-d14	12.50	244	786872	82.64	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	99439	38.832	ng	#	70
3) Pyridine	2.51	79	324791	41.420	ng	#	62
4) n-Nitrosodimethylamine	2.48	42	185030	42.594	ng	#	79
6) Aniline	6.09	93	402960	45.710	ng		96
8) 2-Chlorophenol	6.22	128	281763	42.942	ng		92
9) Benzaldehyde	5.97	77	215508	51.973	ng		97
10) Phenol	6.11	94	371957	44.763	ng		98
11) bis(2-Chloroethyl)ether	6.17	93	278032	42.305	ng		91
12) 1,3-Dichlorobenzene	6.36	146	294562	41.657	ng		99
13) 1,4-Dichlorobenzene	6.45	146	299907	42.797	ng		97
14) 1,2-Dichlorobenzene	6.60	146	259066	42.341	ng		97
15) Benzyl Alcohol	6.59	79	205214	46.268	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.72	45	570250	43.261	ng		55
17) 2-Methylphenol	6.72	107	227292	44.883	ng	#	89
18) Hexachloroethane	6.93	117	118607	46.264	ng	#	83
19) n-Nitroso-di-n-propylamine	6.86	70	222793	48.316	ng	#	83
20) 3+4-Methylphenols	6.88	107	325318	49.186	ng	#	63
22) Acetophenone	6.85	105	416559	42.398	ng		98
24) Nitrobenzene	7.02	77	323947	44.601	ng		92
25) Isophorone	7.26	82	530886	38.871	ng		98
26) 2-Nitrophenol	7.34	139	160971	40.964	ng	#	88
27) 2,4-Dimethylphenol	7.40	122	255099	39.354	ng		97
28) bis(2-Chloroethoxy)methane	7.48	93	348641	39.117	ng		99
29) 2,4-Dichlorophenol	7.59	162	234752	42.038	ng		95
30) 1,2,4-Trichlorobenzene	7.66	180	211983	39.826	ng		98
31) Naphthalene	7.73	128	776116	40.244	ng		99
32) Benzoic acid	7.57	122	191100	39.481	ng		97
33) 4-Chloroaniline	7.79	127	323030	41.165	ng		98
34) Hexachlorobutadiene	7.86	225	110403	39.125	ng		98
35) Caprolactam	8.17	113	76795m	42.887	ng		
36) 4-Chloro-3-methylphenol	8.30	107	254951	41.848	ng		90
37) 2-Methylnaphthalene	8.42	142	519583	42.552	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	195265	41.225	ng		99
40) Hexachlorocyclopentadiene	8.57	237	56335	37.802	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.72	196	141313	41.170	ng		98
43) 2,4,5-Trichlorophenol	8.76	196	136010	39.589	ng		97
45) 1,1'-Biphenyl	8.89	154	619659	40.869	ng		97
46) 2-Chloronaphthalene	8.90	162	456358	40.901	ng		93
47) 2-Nitroaniline	9.02	65	172717	42.654	ng		97
48) Acenaphthylene	9.32	152	683883	39.932	ng		99
49) Dimethylphthalate	9.20	163	555842	41.234	ng		99
50) 2,6-Dinitrotoluene	9.26	165	118283	41.372	ng	#	89
51) Acenaphthene	9.49	154	407412	40.386	ng		99
52) 3-Nitroaniline	9.43	138	157133	44.278	ng		96
53) 2,4-Dinitrophenol	9.55	184	65980	50.756	ng	#	71
54) Dibenzofuran	9.66	168	578731	43.070	ng		94
55) 4-Nitrophenol	9.63	139	84172m	39.884	ng		
56) 2,4-Dinitrotoluene	9.67	165	154346	46.961	ng	#	76
57) Fluorene	10.00	166	435441	43.117	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.79	232	94649	39.900	ng		98
59) Diethylphthalate	9.89	149	538680	43.557	ng		100
60) 4-Chlorophenyl-phenylether	9.99	204	180924	43.384	ng		99
61) 4-Nitroaniline	10.05	138	145229	43.069	ng		91
62) Azobenzene	10.15	77	553055	48.206	ng		92
64) 4,6-Dinitro-2-methylphenol	10.08	198	81232	44.837	ng		87
65) n-Nitrosodiphenylamine	10.12	169	441073	43.479	ng		97
66) 4-Bromophenyl-phenylether	10.48	248	121228	41.664	ng		97
67) Hexachlorobenzene	10.55	284	134194	41.128	ng	#	87
68) Atrazine	10.65	200	111179	38.220	ng		93
69) Pentachlorophenol	10.75	266	52268	38.716	ng		98
70) Phenanthrene	10.95	178	636876	40.768	ng		99
71) Anthracene	11.00	178	672561	42.035	ng		98
72) Carbazole	11.16	167	660770	41.992	ng		99
73) Di-n-butylphthalate	11.50	149	825789	42.455	ng		98
74) Fluoranthene	12.13	202	636586	41.596	ng		99
76) Benzidine	12.26	184	227555	31.592	ng	#	94
77) Pyrene	12.35	202	664667	41.823	ng		99
79) Butylbenzylphthalate	12.98	149	352175	43.564	ng	#	74
80) Benzo(a)anthracene	13.53	228	513270	40.863	ng		99
81) 3,3'-Dichlorobenzidine	13.50	252	198789	41.968	ng	#	97
82) Chrysene	13.57	228	523298	42.666	ng		99
83) Bis(2-ethylhexyl)phthalate	13.55	149	451296	42.757	ng	#	99
84) Di-n-octyl phthalate	14.15	149	773509	39.934	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.07	276	374667	35.625	ng		97
87) Benzo(b)fluoranthene	14.53	252	426201	41.464	ng		97
88) Benzo(k)fluoranthene	14.56	252	389941	39.811	ng		96
89) Benzo(a)pyrene	14.83	252	392180	41.689	ng		99
90) Dibenzo(a,h)anthracene	16.08	278	301218	39.046	ng		96
91) Benzo(g,h,i)perylene	16.43	276	326980	40.418	ng		97

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

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