Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086727.D
Acq On : 6 May 2016 16:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:10 PM

Quant Time: May 07 03:18:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178841	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	721631	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	340078	40.00	ng		-0.03
63) Phenanthrene-d10	11.23	188	642252	40.00	ng		-0.02
75) Chrysene-d12	13.86	240	445094	40.00	ng		-0.02
86) Perylene-d12	15.24	264	358817	40.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	872417	80.76	ng		0.00
7) Phenol-d6	6.38	99	1088081	74.77	ng		0.01
23) Nitrobenzene-d5	7.29	82	1057255	75.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	299589	90.05	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	1814576	87.47	ng		-0.02
78) Terphenyl-d14	12.81	244	1483147	67.34	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	207105	37.09	ng	#	75
3) Pyridine	3.08	79	471792m	34.46	ng		
4) n-Nitrosodimethylamine	2.90	42	338470	40.76	ng	#	52
6) Aniline	6.38	93	612754	34.12	ng	#	65
8) 2-Chlorophenol	6.50	128	496932	38.33	ng	#	79
9) Benzaldehyde	6.27	77	270364	37.24	ng		92
10) Phenol	6.40	94	653116	41.02	ng		75
11) bis(2-Chloroethyl)ether	6.46	93	497998	36.34	ng		98
12) 1,3-Dichlorobenzene	6.65	146	533921	38.79	ng	#	93
13) 1,4-Dichlorobenzene	6.73	146	546051	38.37	ng		95
14) 1,2-Dichlorobenzene	6.88	146	456955	36.87	ng		94
15) Benzyl Alcohol	6.88	79	389009	41.32	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.00	45	999762	35.68	ng		67
17) 2-Methylphenol	7.00	107	394798	37.82	ng	#	81
18) Hexachloroethane	7.22	117	214040	39.83	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	353358	35.54	ng	#	68
20) 3+4-Methylphenols	7.15	107	486991	39.85	ng	#	82
22) Acetophenone	7.14	105	703989	41.87	ng	#	96
24) Nitrobenzene	7.31	77	636946	43.87	ng		92
25) Isophorone	7.56	82	1051324	40.20	ng		98
26) 2-Nitrophenol	7.62	139	252177	38.93	ng	#	68
27) 2,4-Dimethylphenol	7.68	122	436025	38.33	ng		90
28) bis(2-Chloroethoxy)methane	7.77	93	623430	43.31	ng		99
29) 2,4-Dichlorophenol	7.87	162	403262	41.23	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	430110	39.42	ng		96
31) Naphthalene	8.02	128	1360915	36.91	ng		99
32) Benzoic acid	7.85	122	364877	76.22	ng	#	83
33) 4-Chloroaniline	8.09	127	537348	37.62	ng		99
34) Hexachlorobutadiene	8.13	225	245535	39.64	ng		97
35) Caprolactam	8.52	113	148167	48.95	ng	#	83
36) 4-Chloro-3-methylphenol	8.58	107	415387	37.23	ng		90
37) 2-Methylnaphthalene	8.72	142	896839	41.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	416891	42.35	ng		97
40) Hexachlorocyclopentadiene	8.86	237	252247	57.48	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	297184	47.48	ng		93
43) 2,4,5-Trichlorophenol	9.05	196	291419	44.56	ng		94
45) 1,1'-Biphenyl	9.17	154	1118790	40.24	ng		96
46) 2-Chloronaphthalene	9.20	162	830946	38.73	ng		93
47) 2-Nitroaniline	9.31	65	330395	43.31	ng		84
48) Acenaphthylene	9.61	152	1274049	40.00	ng		98
49) Dimethylphthalate	9.49	163	989126	39.02	ng		99
50) 2,6-Dinitrotoluene	9.55	165	228423	41.98	ng	#	89
51) Acenaphthene	9.78	154	774099	36.84	ng		98
52) 3-Nitroaniline	9.72	138	211997	34.28	ng		83
53) 2,4-Dinitrophenol	9.82	184	132122	66.60	ng	#	81
54) Dibenzofuran	9.95	168	1032605	39.65	ng		91
55) 4-Nitrophenol	9.90	139	150048	41.61	ng	#	60
56) 2,4-Dinitrotoluene	9.95	165	248704	36.89	ng	#	69
57) Fluorene	10.29	166	785414	37.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	206295	42.95	ng		97
59) Diethylphthalate	10.19	149	1068744	44.54	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	433793	43.23	ng		91
61) 4-Nitroaniline	10.34	138	206308m	34.71	ng		
62) Azobenzene	10.45	77	1147472	43.15	ng		88
64) 4,6-Dinitro-2-methylphenol	10.36	198	192900	56.07	ng		88
65) n-Nitrosodiphenylamine	10.42	169	815061	39.97	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	253031	39.65	ng	#	74
67) Hexachlorobenzene	10.84	284	314491	40.41	ng	#	92
68) Atrazine	10.96	200	249314	39.89	ng		94
69) Pentachlorophenol	11.04	266	180964	50.25	ng		96
70) Phenanthrene	11.25	178	1295589	37.56	ng		99
71) Anthracene	11.30	178	1331009	36.84	ng		100
72) Carbazole	11.47	167	1237254	39.44	ng		100
73) Di-n-butylphthalate	11.80	149	1442126	38.72	ng	#	98
74) Fluoranthene	12.43	202	1241639	35.91	ng		100
76) Benzidine	12.57	184	442041	37.99	ng		96
77) Pyrene	12.66	202	1214913	34.24	ng		99
79) Butylbenzylphthalate	13.29	149	568605	38.26	ng	#	66
80) Benzo(a)anthracene	13.85	228	997493	39.63	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	762040	48.17	ng	#	96
82) Chrysene	13.88	228	968052	36.05	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	702165	40.82	ng	#	94
84) Di-n-octyl phthalate	14.47	149	1225539	48.42	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.55	276	773591	33.57	ng		95
87) Benzo(b)fluoranthene	14.85	252	811113m	37.62	ng		
88) Benzo(k)fluoranthene	14.89	252	905881m	44.59	ng		
89) Benzo(a)pyrene	15.19	252	771488	38.85	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	646442	33.88	ng		95
91) Benzo(g,h,i)perylene	16.93	276	657557	32.83	ng		93

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

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