Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093587.D
Acq On : 12 Mar 2017 3:31
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/15/2017 5:34:38 PM

Quant Time: Mar 13 17:56:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	180446	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	726481	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	321539	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	490262	20.00	ng		0.00
75) Chrysene-d12	13.88	240	330375	20.00	ng		-0.01
86) Perylene-d12	15.28	264	308300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1039107	95.84	ng		0.00
7) Phenol-d6	6.39	99	1065821	77.96	ng		0.01
23) Nitrobenzene-d5	7.30	82	1008410	77.02	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	161615	77.15	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1499143	86.72	ng		0.00
78) Terphenyl-d14	12.83	244	1211599	95.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	277384	46.45	ng		86
3) Pyridine	2.87	79	631310	41.46	ng		87
4) n-Nitrosodimethylamine	2.84	42	337693	46.43	ng		82
6) Aniline	6.39	93	694781	37.03	ng	#	61
8) 2-Chlorophenol	6.52	128	481410	39.63	ng		92
9) Benzaldehyde	6.28	77	319432	37.08	ng		96
10) Phenol	6.40	94	662353	39.53	ng	#	73
11) bis(2-Chloroethyl)ether	6.46	93	518761	38.31	ng		92
12) 1,3-Dichlorobenzene	6.65	146	539597m	38.81	ng		
13) 1,4-Dichlorobenzene	6.73	146	560599	39.38	ng		99
14) 1,2-Dichlorobenzene	6.89	146	501704	39.80	ng		96
15) Benzyl Alcohol	6.88	79	372240	38.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	804442	35.76	ng	#	30
17) 2-Methylphenol	7.01	107	403391	39.26	ng		92
18) Hexachloroethane	7.22	117	170984	35.61	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	366450	38.99	ng	#	94
20) 3+4-Methylphenols	7.17	107	529949	39.77	ng	#	72
22) Acetophenone	7.14	105	656324	37.54	ng	#	98
24) Nitrobenzene	7.32	77	504346	34.27	ng		97
25) Isophorone	7.56	82	929029	35.19	ng		95
26) 2-Nitrophenol	7.64	139	256173	38.16	ng		97
27) 2,4-Dimethylphenol	7.69	122	377484	34.56	ng		91
28) bis(2-Chloroethoxy)methane	7.77	93	651369	39.08	ng		100
29) 2,4-Dichlorophenol	7.89	162	421507	41.02	ng		88
30) 1,2,4-Trichlorobenzene	7.96	180	420035	38.44	ng		96
31) Naphthalene	8.04	128	1399701	38.45	ng		99
32) Benzoic acid	7.84	122	154711	27.26	ng		98
33) 4-Chloroaniline	8.09	127	535535	36.25	ng		95
34) Hexachlorobutadiene	8.15	225	221376	39.33	ng		97
35) Caprolactam	8.48	113	124977	35.61	ng	#	54
36) 4-Chloro-3-methylphenol	8.60	107	405948	37.02	ng		99
37) 2-Methylnaphthalene	8.72	142	822454	35.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	401658	45.75	ng		99
40) Hexachlorocyclopentadiene	8.87	237	30070	23.61	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	237821	43.35	ng		95
43) 2,4,5-Trichlorophenol	9.06	196	253881	43.13	ng		93
45) 1,1'-Biphenyl	9.19	154	1050946	44.87	ng		100
46) 2-Chloronaphthalene	9.21	162	831385	46.37	ng		99
47) 2-Nitroaniline	9.33	65	281589	44.43	ng	#	84
48) Acenaphthylene	9.62	152	1273342	43.06	ng		98
49) Dimethylphthalate	9.50	163	928549	43.56	ng		99
50) 2,6-Dinitrotoluene	9.57	165	222847	47.64	ng		93
51) Acenaphthene	9.80	154	759302	43.42	ng		96
52) 3-Nitroaniline	9.74	138	234192	41.67	ng		96
53) 2,4-Dinitrophenol	9.88	184	14740	6.92	ng	#	76
54) Dibenzofuran	9.97	168	1018673	46.54	ng		94
55) 4-Nitrophenol	9.94	139	92603m	33.93	ng		
56) 2,4-Dinitrotoluene	9.98	165	258742	45.03	ng	#	77
57) Fluorene	10.31	166	853001	45.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	160650	38.67	ng		95
59) Diethylphthalate	10.18	149	826728	40.58	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	366291	44.06	ng		88
61) 4-Nitroaniline	10.36	138	214645	37.35	ng		89
62) Azobenzene	10.46	77	908900	39.26	ng		96
64) 4,6-Dinitro-2-methylphenol	10.39	198	35818	11.28	ng	#	40
65) n-Nitrosodiphenylamine	10.42	169	709075	43.31	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	230826	44.52	ng	#	85
67) Hexachlorobenzene	10.86	284	213950	43.22	ng		98
68) Atrazine	10.95	200	184483	38.50	ng		99
69) Pentachlorophenol	11.06	266	98886	57.86	ng		97
70) Phenanthrene	11.27	178	1123059	40.13	ng		97
71) Anthracene	11.32	178	1072993	37.90	ng		98
72) Carbazole	11.49	167	1076393	40.48	ng		97
73) Di-n-butylphthalate	11.81	149	1309617	42.57	ng	#	96
74) Fluoranthene	12.46	202	945340	34.97	ng		91
76) Benzidine	12.59	184	467738	43.05	ng		97
77) Pyrene	12.68	202	932531	38.81	ng		99
79) Butylbenzylphthalate	13.29	149	430367	42.55	ng		91
80) Benzo(a)anthracene	13.87	228	780293	39.99	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	289024	42.30	ng		97
82) Chrysene	13.91	228	786559	43.57	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	620537	44.02	ng	#	96
84) Di-n-octyl phthalate	14.46	149	973913	41.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	649530	42.99	ng	#	94
87) Benzo(b)fluoranthene	14.89	252	920909m	49.05	ng		
88) Benzo(k)fluoranthene	14.92	252	626209m	34.58	ng		
89) Benzo(a)pyrene	15.23	252	721174	42.03	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	573807	40.42	ng	#	95
91) Benzo(g,h,i)perylene	17.03	276	547972	37.61	ng	#	94

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

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