Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028782.D
Acq On : 16 Sep 2017 2:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:53 PM

Quant Time: Sep 16 06:09:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	27097	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	124101	20.00	ng		-0.03
38) Acenaphthene-d10	14.92	164	93301	20.00	ng		-0.03
63) Phenanthrene-d10	17.67	188	252070	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	287363	20.00	ng		-0.04
86) Perylene-d12	25.46	264	294311	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	150368	91.57	ng		-0.04
7) Phenol-d6	7.45	99	222100	89.83	ng		-0.04
23) Nitrobenzene-d5	9.47	82	216454	83.44	ng		-0.04
41) 2,4,6-Tribromophenol	16.41	330	141895	91.95	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	572825	81.87	ng		-0.03
78) Terphenyl-d14	20.25	244	1145028	84.97	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	28612	43.024	ng	#	93
3) Pyridine	4.19	79	87494	46.122	ng	#	87
4) n-Nitrosodimethylamine	4.10	42	36242	41.998	ng	#	72
6) Aniline	7.62	93	130769	45.444	ng		97
8) 2-Chlorophenol	7.86	128	83226	45.462	ng		91
9) Benzaldehyde	7.44	77	65566	42.742	ng		87
10) Phenol	7.48	94	121410	46.528	ng		89
11) bis(2-Chloroethyl)ether	7.71	93	81328	43.412	ng		89
12) 1,3-Dichlorobenzene	8.19	146	90699	46.011	ng		97
13) 1,4-Dichlorobenzene	8.33	146	93143	45.951	ng		93
14) 1,2-Dichlorobenzene	8.66	146	90552	45.218	ng		93
15) Benzyl Alcohol	8.53	79	86587	44.861	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.81	45	135975	39.936	ng		96
17) 2-Methylphenol	8.73	107	76260	44.724	ng		93
18) Hexachloroethane	9.38	117	32534	43.792	ng		91
19) n-Nitroso-di-n-propylamine	9.09	70	77540	44.239	ng	#	83
20) 3+4-Methylphenols	9.06	107	110877	46.489	ng		93
22) Acetophenone	9.12	105	153091	42.190	ng	#	83
24) Nitrobenzene	9.52	77	118273	41.172	ng	#	91
25) Isophorone	10.03	82	215224	41.002	ng		98
26) 2-Nitrophenol	10.23	139	50128	41.001	ng		92
27) 2,4-Dimethylphenol	10.27	122	88200	39.466	ng		96
28) bis(2-Chloroethoxy)methane	10.50	93	115362	40.470	ng		99
29) 2,4-Dichlorophenol	10.77	162	98798	44.432	ng		93
30) 1,2,4-Trichlorobenzene	10.98	180	107032	42.195	ng		95
31) Naphthalene	11.17	128	278195	42.921	ng		99
32) Benzoic acid	10.43	122	63637	41.098	ng		93
33) 4-Chloroaniline	11.28	127	118786	43.748	ng		93
34) Hexachlorobutadiene	11.44	225	76803	41.108	ng		93
35) Caprolactam	12.06	113	36051	45.212	ng	#	83
36) 4-Chloro-3-methylphenol	12.38	107	124109	42.888	ng		90
37) 2-Methylnaphthalene	12.75	142	205298	42.424	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	159233	41.507	ng	#	95
40) Hexachlorocyclopentadiene	13.09	237	45861	35.451	ng		93

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Quant Time: Sep 16 06:09:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	100320	41.202	ng		97
43) 2,4,5-Trichlorophenol	13.43	196	107947	44.121	ng	#	93
45) 1,1'-Biphenyl	13.75	154	316310	40.946	ng		97
46) 2-Chloronaphthalene	13.80	162	230118	40.841	ng		98
47) 2-Nitroaniline	14.00	65	89556	42.767	ng		91
48) Acenaphthylene	14.64	152	380956	42.320	ng		98
49) Dimethylphthalate	14.36	163	332843	42.542	ng		97
50) 2,6-Dinitrotoluene	14.49	165	75776	43.527	ng	#	76
51) Acenaphthene	14.98	154	232117	42.448	ng		97
52) 3-Nitroaniline	14.83	138	67642	43.938	ng		87
53) 2,4-Dinitrophenol	15.04	184	30944	38.361	ng		93
54) Dibenzofuran	15.31	168	371528	42.605	ng		95
55) 4-Nitrophenol	15.13	139	45758	40.568	ng	#	80
56) 2,4-Dinitrotoluene	15.28	165	110724	45.234	ng	#	81
57) Fluorene	15.96	166	341783	43.902	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	93048	43.152	ng	#	95
59) Diethylphthalate	15.71	149	345848	43.015	ng		98
60) 4-Chlorophenyl-phenylether	15.94	204	194048	43.773	ng		88
61) 4-Nitroaniline	15.99	138	73779	45.236	ng	#	79
62) Azobenzene	16.24	77	289639	42.833	ng		91
64) 4,6-Dinitro-2-methylphenol	16.05	198	68370	42.035	ng		87
65) n-Nitrosodiphenylamine	16.16	169	296824	41.077	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	134284	41.402	ng		95
67) Hexachlorobenzene	16.97	284	153448	41.568	ng	#	86
68) Atrazine	17.10	200	129625	41.779	ng		97
69) Pentachlorophenol	17.32	266	68665	41.168	ng		93
70) Phenanthrene	17.71	178	539024	41.816	ng		94
71) Anthracene	17.80	178	545094	41.861	ng		97
72) Carbazole	18.07	167	497086	42.386	ng	#	95
73) Di-n-butylphthalate	18.59	149	593913	41.302	ng	#	94
74) Fluoranthene	19.71	202	672109	42.703	ng		91
76) Benzidine	19.88	184	300141	40.277	ng		98
77) Pyrene	20.07	202	691155	41.698	ng		96
79) Butylbenzylphthalate	20.93	149	270130	40.353	ng		92
80) Benzo(a)anthracene	21.97	228	733731	42.419	ng		92
81) 3,3'-Dichlorobenzidine	21.87	252	292076	41.648	ng		97
82) Chrysene	22.04	228	694855	42.338	ng		95
83) Bis(2-ethylhexyl)phthalate	21.83	149	389204	40.896	ng		100
84) Di-n-octyl phthalate	23.12	149	685292	41.214	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	865233	41.031	ng		99
87) Benzo(b)fluoranthene	24.35	252	732255m	41.528	ng		
88) Benzo(k)fluoranthene	24.43	252	750742	42.624	ng		95
89) Benzo(a)pyrene	25.30	252	708693	42.343	ng		97
90) Dibenzo(a,h)anthracene	29.51	278	721164	41.329	ng	#	96
91) Benzo(g,h,i)perylene	30.71	276	691914	40.639	ng		98

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

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