Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028671.D
Acq On : 12 Sep 2017 15:54
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
9/13/2017 6:00:05 PM

Quant Time: Sep 12 16:33:11 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 14:47:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35690	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	154563	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	109421	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	261014	20.00	ng		0.00
75) Chrysene-d12	22.03	240	301811	20.00	ng		0.00
86) Perylene-d12	25.53	264	298576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	353880	166.95	ng		0.00
7) Phenol-d6	7.49	99	540369	175.75	ng		0.00
23) Nitrobenzene-d5	9.51	82	528815	157.10	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	298919	179.74	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	1308827	156.48	ng		0.00
78) Terphenyl-d14	20.28	244	2152018	153.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	63800	73.583	ng	#	94
3) Pyridine	4.24	79	202093	75.060	ng		96
4) n-Nitrosodimethylamine	4.15	42	89610	69.841	ng	#	77
6) Aniline	7.66	93	318810	80.989	ng		97
8) 2-Chlorophenol	7.90	128	193978	81.069	ng		93
9) Benzaldehyde	7.47	77	155262	85.575	ng		90
10) Phenol	7.52	94	281525	84.534	ng		88
11) bis(2-Chloroethyl)ether	7.74	93	196939	80.427	ng		89
12) 1,3-Dichlorobenzene	8.22	146	207713	74.129	ng		91
13) 1,4-Dichlorobenzene	8.37	146	213150	77.150	ng		98
14) 1,2-Dichlorobenzene	8.69	146	212541	78.284	ng		97
15) Benzyl Alcohol	8.57	79	211229	86.669	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.85	45	347677	68.866	ng		97
17) 2-Methylphenol	8.77	107	181953	85.191	ng		91
18) Hexachloroethane	9.42	117	80444	74.114	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	190701	78.442	ng	#	88
20) 3+4-Methylphenols	9.10	107	264074	89.298	ng		95
22) Acetophenone	9.16	105	365565	85.136	ng	#	88
24) Nitrobenzene	9.55	77	288069	81.009	ng		92
25) Isophorone	10.07	82	521508	84.140	ng		97
26) 2-Nitrophenol	10.26	139	124182	84.207	ng		93
27) 2,4-Dimethylphenol	10.31	122	213096	80.006	ng		99
28) bis(2-Chloroethoxy)methane	10.54	93	289111	78.162	ng		98
29) 2,4-Dichlorophenol	10.80	162	229997	87.956	ng		95
30) 1,2,4-Trichlorobenzene	11.01	180	254735	79.169	ng		98
31) Naphthalene	11.21	128	653415	77.881	ng		99
32) Benzoic acid	10.51	122	169113	100.775	ng		89
33) 4-Chloroaniline	11.31	127	276328	78.130	ng		91
34) Hexachlorobutadiene	11.47	225	185137	79.631	ng		97
35) Caprolactam	12.12	113	80008m	80.832	ng		
36) 4-Chloro-3-methylphenol	12.42	107	279918	84.074	ng		94
37) 2-Methylnaphthalene	12.79	142	492116	79.552	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	375276	88.296	ng	#	96
40) Hexachlorocyclopentadiene	13.12	237	144264	97.242	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	229645	84.586	ng		92
43) 2,4,5-Trichlorophenol	13.47	196	229666	84.651	ng	#	93
45) 1,1'-Biphenyl	13.78	154	740111	80.560	ng		99
46) 2-Chloronaphthalene	13.83	162	532562	76.319	ng		99
47) 2-Nitroaniline	14.03	65	196242	68.977	ng	#	87
48) Acenaphthylene	14.67	152	840700	78.559	ng		98
49) Dimethylphthalate	14.39	163	714484	79.250	ng		100
50) 2,6-Dinitrotoluene	14.52	165	166352	84.224	ng	#	79
51) Acenaphthene	15.01	154	512539	78.207	ng		95
52) 3-Nitroaniline	14.86	138	147335	73.857	ng		90
53) 2,4-Dinitrophenol	15.07	184	86599	81.004	ng		90
54) Dibenzofuran	15.34	168	809824	79.942	ng		94
55) 4-Nitrophenol	15.17	139	109702	77.174	ng	#	83
56) 2,4-Dinitrotoluene	15.32	165	230457	80.958	ng	#	84
57) Fluorene	15.99	166	720262	77.782	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	204751	84.503	ng	#	94
59) Diethylphthalate	15.74	149	722132	76.445	ng		99
60) 4-Chlorophenyl-phenylether	15.97	204	414519	79.260	ng		88
61) 4-Nitroaniline	16.03	138	152294	70.519	ng		86
62) Azobenzene	16.27	77	617442	73.181	ng		89
64) 4,6-Dinitro-2-methylphenol	16.08	198	149458	80.627	ng		94
65) n-Nitrosodiphenylamine	16.19	169	617974	80.175	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	281852	83.161	ng		95
67) Hexachlorobenzene	17.00	284	320562	85.944	ng	#	87
68) Atrazine	17.14	200	256809	92.367	ng		99
69) Pentachlorophenol	17.35	266	156544	90.177	ng		97
70) Phenanthrene	17.74	178	1065516	76.765	ng		95
71) Anthracene	17.84	178	1088421	77.109	ng		98
72) Carbazole	18.11	167	971239	76.911	ng		96
73) Di-n-butylphthalate	18.62	149	1176877	76.746	ng	#	95
74) Fluoranthene	19.74	202	1312703	74.078	ng		95
76) Benzidine	19.91	184	673489	109.841	ng		98
77) Pyrene	20.10	202	1356353	75.768	ng		97
79) Butylbenzylphthalate	20.97	149	553997	80.006	ng		90
80) Benzo(a)anthracene	22.01	228	1427680	79.005	ng		96
81) 3,3'-Dichlorobenzidine	21.91	252	587390	84.599	ng	#	99
82) Chrysene	22.08	228	1364087	80.044	ng		96
83) Bis(2-ethylhexyl)phthalate	21.86	149	794893	79.674	ng		100
84) Di-n-octyl phthalate	23.16	149	1377689	80.565	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.59	276	1777575	88.046	ng	#	96
87) Benzo(b)fluoranthene	24.42	252	1491175	79.735	ng		99
88) Benzo(k)fluoranthene	24.50	252	1449214	80.252	ng		95
89) Benzo(a)pyrene	25.38	252	1402283	79.940	ng		96
90) Dibenzo(a,h)anthracene	29.65	278	1480470	81.336	ng		99
91) Benzo(g,h,i)perylene	30.86	276	1430589	80.136	ng		96

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

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