Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034081.D
Acq On : 1 May 2018 16:21
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:38 PM

Quant Time: May 01 17:04:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 15:30:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	67239	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	276100	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	209209	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	550324	20.00	ng		0.00
75) Chrysene-d12	21.77	240	552336	20.00	ng		0.00
86) Perylene-d12	25.06	264	572046	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	631954	150.05	ng		0.00
7) Phenol-d6	7.23	99	1011052	164.59	ng		0.00
23) Nitrobenzene-d5	9.25	82	1182043	243.64	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	460715	188.76	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	2217195	155.69	ng		0.00
78) Terphenyl-d14	20.09	244	3479560	141.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	129773	72.922	ng	#	82
3) Pyridine	3.95	79	409269	79.485	ng		89
4) n-Nitrosodimethylamine	3.87	42	242338	103.306	ng	#	74
6) Aniline	7.40	93	691555	84.220	ng		91
8) 2-Chlorophenol	7.64	128	317202	67.217	ng		89
9) Benzaldehyde	7.21	77	197170	58.861	ng		90
10) Phenol	7.26	94	514367	81.738	ng		80
11) bis(2-Chloroethyl)ether	7.50	93	398664	82.831	ng		97
12) 1,3-Dichlorobenzene	7.97	146	390713	71.922	ng	#	83
13) 1,4-Dichlorobenzene	8.11	146	401815	73.028	ng		95
14) 1,2-Dichlorobenzene	8.44	146	382971	71.573	ng		93
15) Benzyl Alcohol	8.31	79	555529	103.712	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.61	45	551918	58.794	ng		84
17) 2-Methylphenol	8.51	107	348523m	74.737	ng		
18) Hexachloroethane	9.17	117	168233	83.673	ng		95
19) n-Nitroso-di-n-propylamine	8.90	70	453150	86.542	ng		99
20) 3+4-Methylphenols	8.85	107	507638	74.917	ng	#	78
22) Acetophenone	8.91	105	738789	98.313	ng	#	97
24) Nitrobenzene	9.29	77	639455	120.954	ng	#	88
25) Isophorone	9.82	82	1129588	103.559	ng	#	94
26) 2-Nitrophenol	10.00	139	193277	92.525	ng	#	60
27) 2,4-Dimethylphenol	10.06	122	337770	86.448	ng		89
28) bis(2-Chloroethoxy)methane	10.30	93	545457	94.620	ng		97
29) 2,4-Dichlorophenol	10.53	162	406390	93.302	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	486586	99.742	ng		100
31) Naphthalene	10.95	128	1155398	81.376	ng		99
32) Benzoic acid	10.23	122	333251	92.306	ng	#	69
33) 4-Chloroaniline	11.05	127	521462	78.138	ng	#	82
34) Hexachlorobutadiene	11.23	225	406669	139.347	ng		94
35) Caprolactam	11.84	113	132675	71.645	ng		94
36) 4-Chloro-3-methylphenol	12.17	107	517704	97.384	ng		91
37) 2-Methylnaphthalene	12.55	142	907914	83.521	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	658102	94.732	ng		99
40) Hexachlorocyclopentadiene	12.90	237	420851	110.177	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	378955	89.469	ng		98
43) 2,4,5-Trichlorophenol	13.22	196	417200	85.677	ng	#	92
45) 1,1'-Biphenyl	13.56	154	1294967	76.465	ng		97
46) 2-Chloronaphthalene	13.60	162	1008491	78.536	ng		94
47) 2-Nitroaniline	13.80	65	445075	111.008	ng	#	85
48) Acenaphthylene	14.45	152	1571209	73.610	ng		98
49) Dimethylphthalate	14.18	163	1400104	76.080	ng		97
50) 2,6-Dinitrotoluene	14.29	165	309022	88.607	ng	#	74
51) Acenaphthene	14.79	154	1095877	81.728	ng		98
52) 3-Nitroaniline	14.62	138	289727	76.506	ng	#	75
53) 2,4-Dinitrophenol	14.82	184	127500	102.226	ng	#	68
54) Dibenzofuran	15.12	168	1531368	77.033	ng	#	88
55) 4-Nitrophenol	14.91	139	226000	76.093	ng	#	52
56) 2,4-Dinitrotoluene	15.08	165	429603	92.633	ng		95
57) Fluorene	15.78	166	1299581	75.546	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	429962	96.436	ng		96
59) Diethylphthalate	15.55	149	1477409	75.951	ng		97
60) 4-Chlorophenyl-phenylether	15.77	204	804413	89.401	ng		98
61) 4-Nitroaniline	15.79	138	302651	75.271	ng	#	40
62) Azobenzene	16.06	77	1587855	91.573	ng		93
64) 4,6-Dinitro-2-methylphenol	15.85	198	236115	97.137	ng		91
65) n-Nitrosodiphenylamine	15.98	169	1163752	72.736	ng		98
66) 4-Bromophenyl-phenylether	16.66	248	539016	89.186	ng		93
67) Hexachlorobenzene	16.77	284	558267	86.616	ng		93
68) Atrazine	16.93	200	290682	46.376	ng		96
69) Pentachlorophenol	17.11	266	375909	84.908	ng		96
70) Phenanthrene	17.52	178	2094845	70.957	ng		95
71) Anthracene	17.61	178	2106906	71.363	ng		97
72) Carbazole	17.87	167	1902946	66.810	ng	#	94
73) Di-n-butylphthalate	18.45	149	2248895	63.467	ng	#	94
74) Fluoranthene	19.53	202	2531687	70.892	ng		92
76) Benzidine	19.71	184	955392	64.055	ng	#	94
77) Pyrene	19.89	202	2551541	70.431	ng	#	91
79) Butylbenzylphthalate	20.79	149	1073023	67.446	ng		87
80) Benzo(a)anthracene	21.75	228	2632756	75.591	ng		97
81) 3,3'-Dichlorobenzidine	21.66	252	994602	76.588	ng	#	95
82) Chrysene	21.82	228	2505643m	75.337	ng		
83) Bis(2-ethylhexyl)phthalate	21.68	149	1432129	63.740	ng		99
84) Di-n-octyl phthalate	22.94	149	2336470	65.516	ng		95
85) Indeno(1,2,3-cd)pyrene	28.85	276	3018281m	79.724	ng		
87) Benzo(b)fluoranthene	24.02	252	2747669	78.735	ng	#	95
88) Benzo(k)fluoranthene	24.10	252	2617424	75.506	ng	#	93
89) Benzo(a)pyrene	24.92	252	2620127	78.395	ng	#	95
90) Dibenzo(a,h)anthracene	28.93	278	2453185	75.856	ng	#	95
91) Benzo(g,h,i)perylene	30.02	276	2448103	76.931	ng	#	90

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

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