Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034953.D
Acq On : 7 Jun 2018 15:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/8/2018 4:44:47 PM

Quant Time: Jun 08 04:35:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35348	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	140338	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	96173	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	245864	20.00	ng		0.00
75) Chrysene-d12	21.72	240	251104	20.00	ng		0.00
86) Perylene-d12	24.97	264	259125	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	169986	81.16	ng		0.00
7) Phenol-d6	7.23	99	251759	81.44	ng		0.00
23) Nitrobenzene-d5	9.24	82	256719	86.95	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	104165	84.61	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	593069	80.17	ng		0.00
78) Terphenyl-d14	20.06	244	986894	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	39942	39.968	ng	#	73
3) Pyridine	3.96	79	114076	42.306	ng	#	74
4) n-Nitrosodimethylamine	3.88	42	47039	40.607	ng	#	78
6) Aniline	7.41	93	157500	39.414	ng		98
8) 2-Chlorophenol	7.65	128	85399	38.897	ng		94
9) Benzaldehyde	7.22	77	95601	40.147	ng		100
10) Phenol	7.25	94	128854	40.276	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	97192	39.140	ng		89
12) 1,3-Dichlorobenzene	7.97	146	103146m	39.375	ng		
13) 1,4-Dichlorobenzene	8.12	146	106804	39.495	ng		97
14) 1,2-Dichlorobenzene	8.44	146	99313	39.098	ng		98
15) Benzyl Alcohol	8.31	79	117610	40.149	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.62	45	82512	33.385	ng		83
17) 2-Methylphenol	8.51	107	84085	39.864	ng	#	88
18) Hexachloroethane	9.17	117	39552	40.854	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	101299	38.569	ng	#	88
20) 3+4-Methylphenols	8.84	107	117805	38.965	ng		85
22) Acetophenone	8.90	105	175818	40.444	ng		94
24) Nitrobenzene	9.29	77	130497	43.165	ng		92
25) Isophorone	9.81	82	252238	40.466	ng		96
26) 2-Nitrophenol	10.00	139	45665	43.821	ng	#	84
27) 2,4-Dimethylphenol	10.05	122	85998	39.261	ng		92
28) bis(2-Chloroethoxy)methane	10.29	93	136656	40.797	ng		95
29) 2,4-Dichlorophenol	10.53	162	96804	40.617	ng		90
30) 1,2,4-Trichlorobenzene	10.75	180	115976	40.581	ng		98
31) Naphthalene	10.94	128	293174	40.214	ng		98
32) Benzoic acid	10.17	122	63959	43.594	ng		92
33) 4-Chloroaniline	11.04	127	128169	40.489	ng	#	93
34) Hexachlorobutadiene	11.23	225	89651	40.336	ng		99
35) Caprolactam	11.81	113	35265	40.036	ng	#	74
36) 4-Chloro-3-methylphenol	12.15	107	122811	41.337	ng		96
37) 2-Methylnaphthalene	12.54	142	220941	39.973	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	145653	40.660	ng		97
40) Hexachlorocyclopentadiene	12.89	237	93399	41.577	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	92215	42.991	ng		95
43) 2,4,5-Trichlorophenol	13.20	196	98752	41.946	ng		96
45) 1,1'-Biphenyl	13.54	154	313326	40.516	ng		100
46) 2-Chloronaphthalene	13.59	162	237422	40.607	ng		99
47) 2-Nitroaniline	13.77	65	75426	43.687	ng		98
48) Acenaphthylene	14.43	152	396084	40.401	ng		100
49) Dimethylphthalate	14.16	163	337988	40.301	ng		98
50) 2,6-Dinitrotoluene	14.27	165	64218	41.973	ng		93
51) Acenaphthene	14.77	154	263227	41.093	ng		99
52) 3-Nitroaniline	14.60	138	68467	45.604	ng	#	92
53) 2,4-Dinitrophenol	14.80	184	28233	45.596	ng	#	64
54) Dibenzofuran	15.10	168	388488	40.494	ng		92
55) 4-Nitrophenol	14.89	139	56105	44.279	ng	#	88
56) 2,4-Dinitrotoluene	15.05	165	88229	43.411	ng		99
57) Fluorene	15.75	166	326270	40.694	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	94105	41.146	ng		98
59) Diethylphthalate	15.52	149	340458	39.790	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	183707	40.182	ng		98
61) 4-Nitroaniline	15.77	138	69245	43.007	ng	#	77
62) Azobenzene	16.04	77	339234	40.458	ng		95
64) 4,6-Dinitro-2-methylphenol	15.82	198	47712	42.503	ng		88
65) n-Nitrosodiphenylamine	15.96	169	300726	40.729	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	121622	41.077	ng		94
67) Hexachlorobenzene	16.75	284	121092	40.182	ng		97
68) Atrazine	16.90	200	125863	39.973	ng		95
69) Pentachlorophenol	17.09	266	88699	43.771	ng		97
70) Phenanthrene	17.49	178	512941	41.070	ng		98
71) Anthracene	17.59	178	506334	40.473	ng		98
72) Carbazole	17.84	167	475000	40.921	ng		98
73) Di-n-butylphthalate	18.42	149	564595	40.809	ng	#	98
74) Fluoranthene	19.50	202	661840	40.724	ng		97
76) Benzidine	19.67	184	376998	40.355	ng	#	96
77) Pyrene	19.85	202	669443	40.440	ng		99
79) Butylbenzylphthalate	20.75	149	254097	42.272	ng		98
80) Benzo(a)anthracene	21.70	228	646660	40.300	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	249079	41.259	ng		98
82) Chrysene	21.77	228	601065	40.912	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	355198	41.820	ng		98
84) Di-n-octyl phthalate	22.87	149	606218	41.603	ng		95
85) Indeno(1,2,3-cd)pyrene	28.68	276	722255	41.975	ng	#	85
87) Benzo(b)fluoranthene	23.94	252	645339	40.441	ng	#	96
88) Benzo(k)fluoranthene	24.01	252	623580	39.948	ng	#	97
89) Benzo(a)pyrene	24.82	252	606410	40.385	ng	#	95
90) Dibenzo(a,h)anthracene	28.75	278	593496	40.039	ng		94
91) Benzo(g,h,i)perylene	29.83	276	581706	40.100	ng	#	93

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

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