Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035514.D
Acq On : 29 Jun 2018 14:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/2/2018 12:35:16 PM

Quant Time: Jun 29 17:53:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	32328	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	136157	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	107077	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	288910	20.00	ng		-0.02
75) Chrysene-d12	21.70	240	300762	20.00	ng		-0.02
86) Perylene-d12	24.92	264	299871	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	151054	78.85	ng		0.00
7) Phenol-d6	7.23	99	236267	83.57	ng		0.00
23) Nitrobenzene-d5	9.22	82	262515	91.65	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	134741	98.30	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	648872	78.78	ng		-0.02
78) Terphenyl-d14	20.03	244	1135845	79.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	34147	37.361	ng	#	70
3) Pyridine	3.95	79	99924	40.520	ng	#	69
4) n-Nitrosodimethylamine	3.87	42	37620	35.509	ng	#	79
6) Aniline	7.39	93	153523	42.008	ng		95
8) 2-Chlorophenol	7.63	128	80812	40.246	ng		92
9) Benzaldehyde	7.20	77	86759	39.838	ng		92
10) Phenol	7.25	94	122586	41.896	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	90366	39.791	ng		84
12) 1,3-Dichlorobenzene	7.96	146	96824	40.414	ng		97
13) 1,4-Dichlorobenzene	8.10	146	98589	39.863	ng		95
14) 1,2-Dichlorobenzene	8.42	146	93549	40.270	ng		91
15) Benzyl Alcohol	8.30	79	107290	40.048	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	84116m	37.214	ng		
17) 2-Methylphenol	8.50	107	84105	43.599	ng	#	93
18) Hexachloroethane	9.15	117	34557	39.029	ng	#	79
19) n-Nitroso-di-n-propylamine	8.87	70	95530	39.770	ng	#	86
20) 3+4-Methylphenols	8.83	107	119887	43.358	ng		94
22) Acetophenone	8.88	105	172205	40.829	ng	#	90
24) Nitrobenzene	9.27	77	129766	44.241	ng	#	93
25) Isophorone	9.79	82	245142	40.535	ng		96
26) 2-Nitrophenol	9.98	139	52431	51.858	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	86337	40.626	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	134279	41.318	ng		95
29) 2,4-Dichlorophenol	10.52	162	103733	44.860	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	118855	42.865	ng		96
31) Naphthalene	10.92	128	294844	41.685	ng		97
32) Benzoic acid	10.18	122	60851	42.749	ng		92
33) 4-Chloroaniline	11.02	127	131246	42.734	ng	#	94
34) Hexachlorobutadiene	11.20	225	92964	43.111	ng		97
35) Caprolactam	11.80	113	40746	47.679	ng	#	68
36) 4-Chloro-3-methylphenol	12.14	107	133220	46.217	ng		96
37) 2-Methylnaphthalene	12.52	142	228539	42.617	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	169972	42.617	ng		98
40) Hexachlorocyclopentadiene	12.86	237	92080	36.816	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	103628	43.392	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	116192	44.327	ng		98
45) 1,1'-Biphenyl	13.52	154	340911	39.594	ng		98
46) 2-Chloronaphthalene	13.57	162	258608	39.726	ng		99
47) 2-Nitroaniline	13.76	65	90672	47.169	ng		90
48) Acenaphthylene	14.41	152	442930	40.578	ng		97
49) Dimethylphthalate	14.13	163	376172	40.286	ng		99
50) 2,6-Dinitrotoluene	14.26	165	82719	48.559	ng	#	87
51) Acenaphthene	14.75	154	282417	39.599	ng		99
52) 3-Nitroaniline	14.59	138	83115	49.724	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	39152	56.791	ng	#	61
54) Dibenzofuran	15.08	168	448388	41.979	ng		95
55) 4-Nitrophenol	14.89	139	63136	44.754	ng	#	89
56) 2,4-Dinitrotoluene	15.04	165	121012	53.477	ng	#	87
57) Fluorene	15.73	166	371950	41.667	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	118033	46.353	ng	#	91
59) Diethylphthalate	15.50	149	381308	40.026	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	220345	43.287	ng		97
61) 4-Nitroaniline	15.75	138	86929	48.492	ng	#	81
62) Azobenzene	16.01	77	355951	38.129	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	71520	54.220	ng		81
65) n-Nitrosodiphenylamine	15.93	169	341021	39.305	ng		100
66) 4-Bromophenyl-phenylether	16.61	248	149268	42.903	ng		100
67) Hexachlorobenzene	16.73	284	154565	43.648	ng		92
68) Atrazine	16.88	200	147202	39.785	ng		95
69) Pentachlorophenol	17.07	266	97289	40.857	ng		99
70) Phenanthrene	17.47	178	593353	40.430	ng		97
71) Anthracene	17.56	178	590121	40.142	ng		98
72) Carbazole	17.83	167	540678	39.639	ng		98
73) Di-n-butylphthalate	18.38	149	619391	38.099	ng	#	98
74) Fluoranthene	19.47	202	768587	40.246	ng		97
76) Benzidine	19.65	184	419272	37.470	ng		98
77) Pyrene	19.83	202	779109	39.294	ng		97
79) Butylbenzylphthalate	20.71	149	275809	38.308	ng	#	95
80) Benzo(a)anthracene	21.68	228	753972	39.229	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	282584	39.080	ng	#	97
82) Chrysene	21.74	228	701863	39.885	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	371388	36.506	ng		99
84) Di-n-octyl phthalate	22.79	149	625002	35.810	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	814029	39.498	ng	#	90
87) Benzo(b)fluoranthene	23.90	252	714503	38.691	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	722110	39.974	ng	#	97
89) Benzo(a)pyrene	24.77	252	681162	39.200	ng	#	95
90) Dibenzo(a,h)anthracene	28.67	278	673539	39.265	ng	#	94
91) Benzo(g,h,i)perylene	29.75	276	667943	39.788	ng	#	94

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

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