Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032757.D
Acq On : 21 Feb 2018 12:11
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
2/22/2018 3:13:46 PM

Quant Time: Feb 21 13:51:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 13:32:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	58645	20.00	ng		0.00
21) Naphthalene-d8	11.82	136	279378	20.00	ng		0.00
38) Acenaphthene-d10	15.55	164	161895	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	351840	20.00	ng		0.00
75) Chrysene-d12	22.64	240	316045	20.00	ng		0.00
86) Perylene-d12	26.45	264	332163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	184734	63.20	ng		0.00
7) Phenol-d6	8.02	99	264137	66.09	ng		0.00
23) Nitrobenzene-d5	10.13	82	152370	34.66	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	79485	31.89	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	573476	44.30	ng		0.00
78) Terphenyl-d14	20.79	244	725275	52.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	37933	31.023	ng		88
3) Pyridine	4.44	79	111763	35.635	ng		95
4) n-Nitrosodimethylamine	4.34	42	43469	29.496	ng	#	95
6) Aniline	8.22	93	178572	37.802	ng		96
8) 2-Chlorophenol	8.48	128	101414	30.172	ng		94
9) Benzaldehyde	8.03	77	81332	34.432	ng		91
10) Phenol	8.05	94	132780	34.158	ng		93
11) bis(2-Chloroethyl)ether	8.31	93	108918	34.951	ng		94
12) 1,3-Dichlorobenzene	8.82	146	118064	24.905	ng		98
13) 1,4-Dichlorobenzene	8.97	146	119936	25.609	ng		94
14) 1,2-Dichlorobenzene	9.30	146	114761	24.295	ng		98
15) Benzyl Alcohol	9.16	79	97029	32.389	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.46	45	182993	54.561	ng		96
17) 2-Methylphenol	9.36	107	96587	35.085	ng		95
18) Hexachloroethane	10.06	117	39755	23.248	ng	#	84
19) n-Nitroso-di-n-propylamine	9.74	70	93439	34.775	ng	#	96
20) 3+4-Methylphenols	9.69	107	136486	32.803	ng		93
22) Acetophenone	9.77	105	178578	30.055	ng	#	94
24) Nitrobenzene	10.17	77	88247	19.173	ng		95
25) Isophorone	10.70	82	250373	29.874	ng	#	94
26) 2-Nitrophenol	10.90	139	27740	11.269	ng		92
27) 2,4-Dimethylphenol	10.93	122	104844	32.418	ng		91
28) bis(2-Chloroethoxy)methane	11.18	93	144137	33.642	ng		98
29) 2,4-Dichlorophenol	11.44	162	95447	20.164	ng		95
30) 1,2,4-Trichlorobenzene	11.67	180	111687	16.830	ng		98
31) Naphthalene	11.87	128	367988	27.126	ng		99
32) Benzoic acid	11.02	122	44411	18.842	ng	#	83
33) 4-Chloroaniline	11.95	127	165404	30.729	ng		93
34) Hexachlorobutadiene	12.14	225	62076	11.414	ng		95
35) Caprolactam	12.68	113	39650	29.497	ng	#	88
36) 4-Chloro-3-methylphenol	13.01	107	118197	27.760	ng		91
37) 2-Methylnaphthalene	13.42	142	270786	24.609	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	117444	15.359	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	56025	11.578	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	73374	19.226	ng		100
43) 2,4,5-Trichlorophenol	14.06	196	86149	18.113	ng		95
45) 1,1'-Biphenyl	14.39	154	355879	26.716	ng		96
46) 2-Chloronaphthalene	14.44	162	263464	24.994	ng		98
47) 2-Nitroaniline	14.62	65	43499	18.971	ng		88
48) Acenaphthylene	15.28	152	445054	28.698	ng		99
49) Dimethylphthalate	14.97	163	349321	24.962	ng		99
50) 2,6-Dinitrotoluene	15.10	165	39700	13.775	ng		95
51) Acenaphthene	15.61	154	269341	25.432	ng		98
52) 3-Nitroaniline	15.42	138	51805	20.355	ng	#	86
53) 2,4-Dinitrophenol	15.62	184	11903	10.607	ng	#	1
54) Dibenzofuran	15.94	168	391346	24.836	ng		95
55) 4-Nitrophenol	15.69	139	38883	23.523	ng	#	84
56) 2,4-Dinitrotoluene	15.87	165	44951	11.320	ng	#	88
57) Fluorene	16.58	166	321787	24.833	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.15	232	65075m	14.533	ng		
59) Diethylphthalate	16.31	149	367066	26.957	ng		96
60) 4-Chlorophenyl-phenylether	16.56	204	154937	18.109	ng		95
61) 4-Nitroaniline	16.58	138	58992	22.482	ng		89
62) Azobenzene	16.85	77	326760	37.351	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	18342	7.759	ng		94
65) n-Nitrosodiphenylamine	16.76	169	293149	28.409	ng		99
66) 4-Bromophenyl-phenylether	17.45	248	91953	18.262	ng	#	89
67) Hexachlorobenzene	17.57	284	100708	18.621	ng	#	92
68) Atrazine	17.69	200	96478	21.799	ng		96
69) Pentachlorophenol	17.90	266	58742	17.742	ng		98
70) Phenanthrene	18.32	178	499381	26.422	ng		99
71) Anthracene	18.41	178	501445	25.930	ng		99
72) Carbazole	18.66	167	493413	29.925	ng		98
73) Di-n-butylphthalate	19.17	149	618313	33.305	ng		99
74) Fluoranthene	20.27	202	551831	21.870	ng		95
76) Benzidine	20.42	184	277919	37.344	ng		98
77) Pyrene	20.62	202	563981	29.995	ng		98
79) Butylbenzylphthalate	21.50	149	252291	40.732	ng		90
80) Benzo(a)anthracene	22.62	228	505964	25.569	ng		99
81) 3,3'-Dichlorobenzidine	22.50	252	194875	26.370	ng	#	97
82) Chrysene	22.69	228	487120	24.965	ng		98
83) Bis(2-ethylhexyl)phthalate	22.47	149	371637	41.608	ng	#	95
84) Di-n-octyl phthalate	23.91	149	571037	40.749	ng		98
85) Indeno(1,2,3-cd)pyrene	30.90	276	560152	24.234	ng		99
87) Benzo(b)fluoranthene	25.22	252	492905	24.900	ng	#	95
88) Benzo(k)fluoranthene	25.31	252	489366	23.887	ng	#	97
89) Benzo(a)pyrene	26.27	252	468030	24.270	ng	#	96
90) Dibenzo(a,h)anthracene	30.98	278	473257	24.650	ng	#	94
91) Benzo(g,h,i)perylene	32.28	276	460957	24.837	ng	#	91

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

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