Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033233.D
Acq On : 19 Mar 2018 9:55
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
3/20/2018 6:29:20 PM

Quant Time: Mar 19 13:55:38 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 11:53:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	31901	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	140221	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	109669	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	297136	20.00	ng		0.00
75) Chrysene-d12	22.60	240	299919	20.00	ng		0.00
86) Perylene-d12	26.39	264	307520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	32209	16.15	ng		0.00
7) Phenol-d6	8.00	99	53061	19.09	ng		0.00
23) Nitrobenzene-d5	10.09	82	60762	35.79	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	32159	27.89	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	154381	20.30	ng		0.00
78) Terphenyl-d14	20.76	244	298671	22.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	8270	9.556	ng		93
3) Pyridine	4.42	79	21184	8.881	ng		97
4) n-Nitrosodimethylamine	4.34	42	8740m	9.140	ng		
6) Aniline	8.19	93	32586	8.662	ng		93
8) 2-Chlorophenol	8.44	128	17627	8.076	ng		98
9) Benzaldehyde	8.01	77	21817m	13.620	ng		
10) Phenol	8.03	94	25869	9.233	ng		93
11) bis(2-Chloroethyl)ether	8.28	93	25824	11.272	ng		92
12) 1,3-Dichlorobenzene	8.78	146	26459	10.350	ng		98
13) 1,4-Dichlorobenzene	8.94	146	26662	10.362	ng		93
14) 1,2-Dichlorobenzene	9.27	146	26134	10.599	ng		94
15) Benzyl Alcohol	9.13	79	18467	9.038	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.42	45	38684	9.822	ng		91
17) 2-Methylphenol	9.34	107	18784	9.092	ng	#	92
18) Hexachloroethane	10.01	117	10417	11.890	ng		88
19) n-Nitroso-di-n-propylamine	9.70	70	19313	9.843	ng	#	98
20) 3+4-Methylphenols	9.66	107	26669	9.284	ng		90
22) Acetophenone	9.74	105	36836	10.402	ng	#	95
24) Nitrobenzene	10.14	77	31996	15.794	ng		93
25) Isophorone	10.65	82	58086	11.802	ng		99
26) 2-Nitrophenol	10.87	139	11102	15.306	ng		89
27) 2,4-Dimethylphenol	10.90	122	15498	7.249	ng	#	79
28) bis(2-Chloroethoxy)methane	11.15	93	29831	10.404	ng	#	89
29) 2,4-Dichlorophenol	11.42	162	21578	11.120	ng		91
30) 1,2,4-Trichlorobenzene	11.63	180	28510	12.534	ng		96
31) Naphthalene	11.83	128	73685	10.057	ng		98
32) Benzoic acid	10.99	122	15871m	13.022	ng		
33) 4-Chloroaniline	11.93	127	30708	9.373	ng	#	92
34) Hexachlorobutadiene	12.09	225	23399	18.339	ng		98
35) Caprolactam	12.65	113	8184	10.533	ng		95
36) 4-Chloro-3-methylphenol	12.98	107	28706	12.712	ng		95
37) 2-Methylnaphthalene	13.38	142	57414	10.831	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	39809	12.228	ng		99
40) Hexachlorocyclopentadiene	13.70	237	19090	11.506	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.95	196	21913	10.673	ng		93
43) 2,4,5-Trichlorophenol	14.04	196	25719	10.824	ng	#	84
45) 1,1'-Biphenyl	14.35	154	85754	8.948	ng		98
46) 2-Chloronaphthalene	14.41	162	64723	9.041	ng		90
47) 2-Nitroaniline	14.60	65	23358	15.097	ng		88
48) Acenaphthylene	15.24	152	110607	9.437	ng		96
49) Dimethylphthalate	14.93	163	99270	10.661	ng		97
50) 2,6-Dinitrotoluene	15.06	165	18801	14.034	ng		97
51) Acenaphthene	15.57	154	69600	9.535	ng		97
52) 3-Nitroaniline	15.41	138	19880	11.755	ng	#	87
53) 2,4-Dinitrophenol	15.62	184	3269	8.510	ng	#	86
54) Dibenzofuran	15.90	168	104987	10.101	ng		91
55) 4-Nitrophenol	15.70	139	11661	9.112	ng		86
56) 2,4-Dinitrotoluene	15.85	165	29425	18.298	ng		91
57) Fluorene	16.55	166	94254	10.987	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	23698	12.845	ng	#	96
59) Diethylphthalate	16.27	149	95702	9.744	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	53296	12.700	ng		96
61) 4-Nitroaniline	16.56	138	20564	11.151	ng		89
62) Azobenzene	16.81	77	93361	10.625	ng		96
64) 4,6-Dinitro-2-methylphenol	16.60	198	13652	17.091	ng		86
65) n-Nitrosodiphenylamine	16.73	169	84168	8.707	ng		97
66) 4-Bromophenyl-phenylether	17.41	248	34338	10.929	ng	#	88
67) Hexachlorobenzene	17.54	284	36311	10.694	ng		97
68) Atrazine	17.65	200	34613	10.879	ng		90
69) Pentachlorophenol	17.88	266	21411	10.011	ng	#	85
70) Phenanthrene	18.28	178	157517	9.502	ng		98
71) Anthracene	18.37	178	159766	9.600	ng		99
72) Carbazole	18.63	167	144844	8.830	ng		98
73) Di-n-butylphthalate	19.12	149	166338	8.265	ng		97
74) Fluoranthene	20.24	202	200918	10.972	ng		97
76) Benzidine	20.40	184	80066	7.832	ng		97
77) Pyrene	20.59	202	209060	9.884	ng		98
79) Butylbenzylphthalate	21.45	149	73037	7.789	ng		94
80) Benzo(a)anthracene	22.57	228	195691	10.175	ng		98
81) 3,3'-Dichlorobenzidine	22.46	252	66062	9.274	ng		92
82) Chrysene	22.65	228	186525	10.153	ng		99
83) Bis(2-ethylhexyl)phthalate	22.40	149	101674	7.325	ng		93
84) Di-n-octyl phthalate	23.80	149	152290	7.198	ng		99
85) Indeno(1,2,3-cd)pyrene	30.80	276	194584	9.082	ng	#	82
87) Benzo(b)fluoranthene	25.16	252	179011	9.845	ng	#	93
88) Benzo(k)fluoranthene	25.25	252	182420	10.095	ng	#	98
89) Benzo(a)pyrene	26.21	252	171108	9.894	ng	#	95
90) Dibenzo(a,h)anthracene	30.87	278	157732	9.061	ng	#	96
91) Benzo(g,h,i)perylene	32.18	276	153597	8.951	ng		93

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

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