Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033310.D
Acq On : 23 Mar 2018 2:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/23/2018 3:45:20 PM

Quant Time: Mar 23 05:25:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	45644	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	215331	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	166264	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	416714	20.00	ng		0.00
75) Chrysene-d12	22.59	240	396222	20.00	ng		0.00
86) Perylene-d12	26.40	264	425817	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	211760	86.99	ng		0.00
7) Phenol-d6	7.99	99	371322	88.78	ng		0.00
23) Nitrobenzene-d5	10.09	82	379967	81.07	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	206116	82.89	ng		0.00
44) 2-Fluorobiphenyl	14.13	172	922749	80.12	ng		0.00
78) Terphenyl-d14	20.76	244	1514495	81.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	47325	38.283	ng		88
3) Pyridine	4.41	79	141393	41.377	ng		94
4) n-Nitrosodimethylamine	4.32	42	62551	44.604	ng	#	79
6) Aniline	8.18	93	217561	44.233	ng		92
8) 2-Chlorophenol	8.44	128	122240	43.927	ng		91
9) Benzaldehyde	7.99	77	100607	37.851	ng		98
10) Phenol	8.02	94	181883	44.046	ng		90
11) bis(2-Chloroethyl)ether	8.27	93	145456	43.155	ng		98
12) 1,3-Dichlorobenzene	8.78	146	145602m	40.020	ng		
13) 1,4-Dichlorobenzene	8.93	146	149411	41.006	ng		95
14) 1,2-Dichlorobenzene	9.26	146	149554	42.055	ng		98
15) Benzyl Alcohol	9.12	79	154990	47.067	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.41	45	229076	41.691	ng		90
17) 2-Methylphenol	9.32	107	117605m	41.807	ng		
18) Hexachloroethane	10.02	117	58543	41.630	ng		94
19) n-Nitroso-di-n-propylamine	9.70	70	135796	44.309	ng	#	97
20) 3+4-Methylphenols	9.66	107	184531	46.072	ng		90
22) Acetophenone	9.73	105	253762	43.015	ng	#	97
24) Nitrobenzene	10.14	77	204498	40.764	ng		96
25) Isophorone	10.66	82	373984	41.113	ng		98
26) 2-Nitrophenol	10.86	139	82398	43.384	ng	#	88
27) 2,4-Dimethylphenol	10.89	122	116301	42.152	ng		88
28) bis(2-Chloroethoxy)methane	11.14	93	184304	40.608	ng	#	95
29) 2,4-Dichlorophenol	11.41	162	146086	43.054	ng		99
30) 1,2,4-Trichlorobenzene	11.63	180	179294	40.671	ng		96
31) Naphthalene	11.83	128	453244	40.619	ng		99
32) Benzoic acid	11.03	122	83876m	32.702	ng		
33) 4-Chloroaniline	11.93	127	197795	39.565	ng		93
34) Hexachlorobutadiene	12.08	225	134123	40.232	ng		92
35) Caprolactam	12.68	113	55252	41.565	ng		92
36) 4-Chloro-3-methylphenol	12.98	107	185857	41.997	ng	#	97
37) 2-Methylnaphthalene	13.38	142	350562	40.476	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	246330	40.901	ng		99
40) Hexachlorocyclopentadiene	13.70	237	145280	41.149	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	148820	42.531	ng		98
43) 2,4,5-Trichlorophenol	14.03	196	183551	44.380	ng		99
45) 1,1'-Biphenyl	14.35	154	520064	40.714	ng		96
46) 2-Chloronaphthalene	14.41	162	397114	40.320	ng		97
47) 2-Nitroaniline	14.60	65	156783	42.500	ng		94
48) Acenaphthylene	15.24	152	659272	40.101	ng		99
49) Dimethylphthalate	14.93	163	589669	40.753	ng		99
50) 2,6-Dinitrotoluene	15.07	165	124655	42.133	ng		99
51) Acenaphthene	15.57	154	415503	39.206	ng		97
52) 3-Nitroaniline	15.41	138	123934	39.955	ng	#	94
53) 2,4-Dinitrophenol	15.60	184	26215	23.118	ng	#	65
54) Dibenzofuran	15.90	168	620207	39.618	ng	#	91
55) 4-Nitrophenol	15.69	139	79580	36.486	ng		86
56) 2,4-Dinitrotoluene	15.84	165	176544	40.527	ng		94
57) Fluorene	16.54	166	530341	39.766	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.11	232	163116	41.893	ng		95
59) Diethylphthalate	16.27	149	572534	40.749	ng		96
60) 4-Chlorophenyl-phenylether	16.52	204	308957	40.300	ng		98
61) 4-Nitroaniline	16.56	138	124528	39.645	ng	#	84
62) Azobenzene	16.81	77	552094	40.564	ng		97
64) 4,6-Dinitro-2-methylphenol	16.60	198	81367m	32.640	ng		
65) n-Nitrosodiphenylamine	16.73	169	491148	41.285	ng		97
66) 4-Bromophenyl-phenylether	17.41	248	209527	42.814	ng		98
67) Hexachlorobenzene	17.54	284	218295	42.265	ng		97
68) Atrazine	17.65	200	201350	41.767	ng		98
69) Pentachlorophenol	17.88	266	136110	38.396	ng		96
70) Phenanthrene	18.28	178	855673	39.427	ng		98
71) Anthracene	18.38	178	873581	39.755	ng		99
72) Carbazole	18.63	167	772949	39.695	ng	#	96
73) Di-n-butylphthalate	19.12	149	931452	41.097	ng	#	98
74) Fluoranthene	20.23	202	1049289	39.070	ng		97
76) Benzidine	20.39	184	479916	44.664	ng		98
77) Pyrene	20.59	202	1077022	40.757	ng		98
79) Butylbenzylphthalate	21.45	149	406480	41.683	ng		96
80) Benzo(a)anthracene	22.57	228	1020521	40.449	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	395049	44.002	ng	#	98
82) Chrysene	22.65	228	1000170	40.953	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	565335	42.055	ng		98
84) Di-n-octyl phthalate	23.80	149	883179	42.909	ng		99
85) Indeno(1,2,3-cd)pyrene	30.81	276	1122467	42.509	ng	#	91
87) Benzo(b)fluoranthene	25.17	252	985570	40.061	ng	#	97
88) Benzo(k)fluoranthene	25.25	252	1013877	40.748	ng	#	96
89) Benzo(a)pyrene	26.21	252	966099	40.892	ng	#	97
90) Dibenzo(a,h)anthracene	30.89	278	932166	41.887	ng		98
91) Benzo(g,h,i)perylene	32.20	276	923723	41.917	ng	#	94

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

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