Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034078.D
Acq On : 1 May 2018 14:26
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:33 PM

Quant Time: May 01 16:02:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 15:30:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61834	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	254864	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	200822	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	524551	20.00	ng		0.00
75) Chrysene-d12	21.77	240	536393	20.00	ng		0.00
86) Perylene-d12	25.07	264	550323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	296083	76.45	ng		0.00
7) Phenol-d6	7.22	99	462425	81.86	ng		0.00
23) Nitrobenzene-d5	9.24	82	538085	120.15	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	227034	96.90	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1102919	80.68	ng		0.00
78) Terphenyl-d14	20.10	244	1972965	82.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	58213	35.570	ng	#	84
3) Pyridine	3.95	79	206803	43.674	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	111114	51.507	ng	#	67
6) Aniline	7.40	93	319921	42.367	ng		96
8) 2-Chlorophenol	7.64	128	150580	34.698	ng		93
9) Benzaldehyde	7.21	77	127831	41.497	ng	#	79
10) Phenol	7.25	94	239553	41.395	ng		84
11) bis(2-Chloroethyl)ether	7.49	93	184544	41.695	ng		100
12) 1,3-Dichlorobenzene	7.97	146	189030	37.838	ng	#	88
13) 1,4-Dichlorobenzene	8.12	146	185868	36.733	ng		94
14) 1,2-Dichlorobenzene	8.43	146	178633m	36.303	ng		
15) Benzyl Alcohol	8.31	79	256264	52.024	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.61	45	256782	29.745	ng		87
17) 2-Methylphenol	8.51	107	159655m	37.229	ng		
18) Hexachloroethane	9.17	117	79566	43.032	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	213081	44.251	ng		96
20) 3+4-Methylphenols	8.84	107	230744	37.030	ng		80
22) Acetophenone	8.90	105	338419	48.787	ng		93
24) Nitrobenzene	9.28	77	292757	59.990	ng	#	86
25) Isophorone	9.81	82	537213	53.355	ng	#	95
26) 2-Nitrophenol	10.00	139	84517	43.831	ng	#	64
27) 2,4-Dimethylphenol	10.05	122	159165	44.130	ng		88
28) bis(2-Chloroethoxy)methane	10.29	93	265210	49.839	ng	#	97
29) 2,4-Dichlorophenol	10.54	162	185639	46.172	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	217703	48.344	ng		95
31) Naphthalene	10.95	128	532608	40.638	ng		100
32) Benzoic acid	10.18	122	148286	44.496	ng		88
33) 4-Chloroaniline	11.05	127	243903	39.593	ng	#	86
34) Hexachlorobutadiene	11.23	225	185389	68.817	ng		92
35) Caprolactam	11.82	113	64064	37.477	ng		96
36) 4-Chloro-3-methylphenol	12.16	107	243683	49.658	ng		92
37) 2-Methylnaphthalene	12.55	142	422023	42.058	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	310567	46.572	ng		98
40) Hexachlorocyclopentadiene	12.90	237	184123	50.216	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	181857	44.728	ng		98
43) 2,4,5-Trichlorophenol	13.21	196	202093	43.236	ng	#	94
45) 1,1'-Biphenyl	13.56	154	622179	38.273	ng		98
46) 2-Chloronaphthalene	13.60	162	475693	38.592	ng		97
47) 2-Nitroaniline	13.79	65	199261	51.774	ng	#	88
48) Acenaphthylene	14.44	152	766978	37.433	ng		99
49) Dimethylphthalate	14.18	163	692342	39.192	ng	#	97
50) 2,6-Dinitrotoluene	14.29	165	145776	43.545	ng	#	80
51) Acenaphthene	14.79	154	522970	40.631	ng		97
52) 3-Nitroaniline	14.62	138	138142	38.002	ng	#	78
53) 2,4-Dinitrophenol	14.82	184	54132	45.214	ng	#	64
54) Dibenzofuran	15.12	168	746118	39.100	ng	#	88
55) 4-Nitrophenol	14.91	139	105277	36.926	ng	#	50
56) 2,4-Dinitrotoluene	15.08	165	199143	44.734	ng		92
57) Fluorene	15.77	166	646654	39.160	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	212823m	49.727	ng		
59) Diethylphthalate	15.55	149	744826	39.889	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	386083	44.701	ng		95
61) 4-Nitroaniline	15.78	138	144852	37.530	ng	#	49
62) Azobenzene	16.06	77	797511	47.914	ng		91
64) 4,6-Dinitro-2-methylphenol	15.84	198	98877	42.676	ng		98
65) n-Nitrosodiphenylamine	15.98	169	589741	38.671	ng		98
66) 4-Bromophenyl-phenylether	16.66	248	266995	46.348	ng		93
67) Hexachlorobenzene	16.78	284	266445	43.371	ng		93
68) Atrazine	16.93	200	245290	41.057	ng		96
69) Pentachlorophenol	17.12	266	199154	47.194	ng		98
70) Phenanthrene	17.52	178	1082120	38.455	ng		99
71) Anthracene	17.61	178	1092459	38.820	ng		99
72) Carbazole	17.87	167	1002969	36.943	ng		96
73) Di-n-butylphthalate	18.45	149	1201952	35.588	ng	#	96
74) Fluoranthene	19.53	202	1352677	39.738	ng		94
76) Benzidine	19.71	184	560807	38.718	ng		98
77) Pyrene	19.89	202	1382945	39.309	ng		94
79) Butylbenzylphthalate	20.79	149	542674	35.124	ng		96
80) Benzo(a)anthracene	21.75	228	1390374	41.106	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	539532	42.781	ng		100
82) Chrysene	21.82	228	1313166	40.656	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	750912	34.414	ng		96
84) Di-n-octyl phthalate	22.94	149	1194258	34.483	ng		98
85) Indeno(1,2,3-cd)pyrene	28.84	276	1514172	41.184	ng	#	81
87) Benzo(b)fluoranthene	24.03	252	1402323	41.770	ng	#	96
88) Benzo(k)fluoranthene	24.10	252	1321568	39.629	ng	#	95
89) Benzo(a)pyrene	24.92	252	1315326	40.908	ng	#	94
90) Dibenzo(a,h)anthracene	28.92	278	1227241	39.446	ng	#	93
91) Benzo(g,h,i)perylene	30.03	276	1219561	39.837	ng	#	93

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

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