Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
Data File : BG035151.D
Acq On : 14 Jun 2018 23:42
Operator : SJ/JU
Sample : PB110221BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Manual Integrations APPROVED
Sohil
6/15/2018 1:44:05 PM

Quant Time: Jun 15 02:30:43 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	8.06	152	47581	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	188357	20.00	ng		-0.01
38) Acenaphthene-d10	14.69	164	143974	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	389284	20.00	ng		0.00
75) Chrysene-d12	21.70	240	405258	20.00	ng		-0.01
86) Perylene-d12	24.93	264	402252	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	450692	159.85	ng		0.00
7) Phenol-d6	7.22	99	672945	161.71	ng		0.00
23) Nitrobenzene-d5	9.23	82	433289	109.35	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	332531	180.42	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1032190	93.20	ng		-0.01
78) Terphenyl-d14	20.04	244	1852131	95.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	40512	30.116	ng	#	76
3) Pyridine	3.94	79	124986	34.435	ng	#	76
4) n-Nitrosodimethylamine	3.86	42	55111	35.343	ng	#	75
6) Aniline	7.39	93	118722	22.071	ng		99
8) 2-Chlorophenol	7.63	128	142156	48.101	ng		96
9) Benzaldehyde	7.20	77	105777	33.000	ng		92
10) Phenol	7.25	94	216046	50.168	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	135354	40.494	ng		88
12) 1,3-Dichlorobenzene	7.95	146	148190	42.026	ng		97
13) 1,4-Dichlorobenzene	8.11	146	149999	41.208	ng		93
14) 1,2-Dichlorobenzene	8.42	146	144542	42.274	ng		93
15) Benzyl Alcohol	8.30	79	175255	44.446	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	157578	47.366	ng		77
17) 2-Methylphenol	8.50	107	145517	51.252	ng	#	92
18) Hexachloroethane	9.15	117	53294	40.896	ng		84
19) n-Nitroso-di-n-propylamine	8.87	70	135824	38.419	ng	#	83
20) 3+4-Methylphenols	8.83	107	208118	51.139	ng		91
22) Acetophenone	8.89	105	245101	42.007	ng	#	92
24) Nitrobenzene	9.27	77	200859	49.501	ng		95
25) Isophorone	9.79	82	396877	47.438	ng		98
26) 2-Nitrophenol	9.98	139	86080	61.545	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	155657	52.947	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	207422	46.136	ng		98
29) 2,4-Dichlorophenol	10.51	162	175528	54.872	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	176437	45.998	ng		96
31) Naphthalene	10.92	128	439254	44.891	ng		99
32) Benzoic acid	10.17	122	101265	51.426	ng		98
33) 4-Chloroaniline	11.02	127	47415	11.160	ng	#	94
34) Hexachlorobutadiene	11.20	225	135180	45.315	ng		100
35) Caprolactam	11.80	113	63799m	53.966	ng		
36) 4-Chloro-3-methylphenol	12.14	107	222710	55.851	ng		94
37) 2-Methylnaphthalene	12.52	142	360702	48.622	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	243860	45.473	ng		98
40) Hexachlorocyclopentadiene	12.87	237	335746	99.837	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	170256	53.021	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	185623	52.667	ng		99
45) 1,1'-Biphenyl	13.52	154	498563	43.065	ng		96
46) 2-Chloronaphthalene	13.57	162	403555	46.105	ng		97
47) 2-Nitroaniline	13.77	65	145332	56.229	ng		95
48) Acenaphthylene	14.41	152	672526	45.822	ng		99
49) Dimethylphthalate	14.14	163	570558	45.445	ng		98
50) 2,6-Dinitrotoluene	14.26	165	133002	58.068	ng		93
51) Acenaphthene	14.75	154	440861	45.974	ng		97
52) 3-Nitroaniline	14.58	138	52254	23.250	ng	#	94
53) 2,4-Dinitrophenol	14.79	184	68393	73.782	ng	#	66
54) Dibenzofuran	15.08	168	661578	46.065	ng		92
55) 4-Nitrophenol	14.89	139	192027	101.235	ng	#	88
56) 2,4-Dinitrotoluene	15.04	165	189509	62.285	ng		90
57) Fluorene	15.74	166	554059	46.161	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	191316	55.877	ng		94
59) Diethylphthalate	15.51	149	570122	44.509	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	318869	46.589	ng		98
61) 4-Nitroaniline	15.75	138	129708	53.813	ng	#	83
62) Azobenzene	16.02	77	570913	45.483	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	75793	42.644	ng		82
65) n-Nitrosodiphenylamine	15.94	169	497811	42.582	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	226341	48.282	ng		97
67) Hexachlorobenzene	16.73	284	228345	47.856	ng		95
68) Atrazine	16.89	200	226717	45.476	ng		99
69) Pentachlorophenol	17.08	266	248878	77.568	ng		98
70) Phenanthrene	17.47	178	899793	45.502	ng		97
71) Anthracene	17.56	178	914209	46.153	ng		98
72) Carbazole	17.83	167	822937	44.776	ng		98
73) Di-n-butylphthalate	18.39	149	951628	43.442	ng	#	98
74) Fluoranthene	19.48	202	1179034	45.819	ng		96
76) Benzidine	19.65	184	296995	19.698	ng		97
77) Pyrene	19.84	202	1155790	43.262	ng		96
79) Butylbenzylphthalate	20.72	149	434807	44.820	ng		97
80) Benzo(a)anthracene	21.68	228	1188975	45.911	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	209803	21.533	ng		97
82) Chrysene	21.75	228	1105703	46.633	ng		96
83) Bis(2-ethylhexyl)phthalate	21.59	149	599593	43.741	ng		100
84) Di-n-octyl phthalate	22.81	149	1021508	43.437	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.61	276	1253975	45.156	ng	#	88
87) Benzo(b)fluoranthene	23.91	252	1171800	47.304	ng	#	97
88) Benzo(k)fluoranthene	23.98	252	1109513	45.787	ng	#	96
89) Benzo(a)pyrene	24.78	252	1119897	48.045	ng	#	97
90) Dibenzo(a,h)anthracene	28.68	278	995836	43.278	ng	#	94
91) Benzo(g,h,i)perylene	29.77	276	1024958	45.515	ng	#	92

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

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