Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035410.D
Acq On : 26 Jun 2018 15:03
Operator : JU/SJ
Sample : PB110586BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110586BS

Quant Time: Jun 26 18:36:40 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	8.05	152	58521	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	213316	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	150537	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	398800	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	411948	20.00	ng		-0.03
86) Perylene-d12	24.90	264	401343	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	502239	144.83	ng		-0.01
7) Phenol-d6	7.22	99	715309	139.76	ng		0.00
23) Nitrobenzene-d5	9.21	82	463895	103.37	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	331846	172.20	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1044658	90.21	ng		-0.03
78) Terphenyl-d14	20.02	244	1798067	91.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	52429	31.689	ng	#	75
3) Pyridine	3.94	79	158581	35.523	ng	#	72
4) n-Nitrosodimethylamine	3.86	42	70553	36.788	ng	#	77
6) Aniline	7.38	93	186482	28.188	ng		99
8) 2-Chlorophenol	7.62	128	166034	45.678	ng		97
9) Benzaldehyde	7.19	77	122432	31.056	ng		92
10) Phenol	7.24	94	247723	46.770	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	167116	40.650	ng		90
12) 1,3-Dichlorobenzene	7.94	146	188096	43.371	ng		97
13) 1,4-Dichlorobenzene	8.09	146	191906	42.865	ng		96
14) 1,2-Dichlorobenzene	8.41	146	181082	43.061	ng		98
15) Benzyl Alcohol	8.29	79	202515	41.759	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	181508	44.360	ng		75
17) 2-Methylphenol	8.49	107	168846	48.352	ng	#	92
18) Hexachloroethane	9.14	117	67693	42.234	ng	#	85
19) n-Nitroso-di-n-propylamine	8.85	70	154213	35.466	ng	#	81
20) 3+4-Methylphenols	8.82	107	231485	46.247	ng		87
22) Acetophenone	8.88	105	292723	44.299	ng	#	89
24) Nitrobenzene	9.26	77	232391	50.571	ng		95
25) Isophorone	9.78	82	445812	47.053	ng		99
26) 2-Nitrophenol	9.96	139	99976	63.117	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	179466	53.903	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	239975	47.132	ng		97
29) 2,4-Dichlorophenol	10.50	162	197708	54.574	ng		90
30) 1,2,4-Trichlorobenzene	10.72	180	215920	49.705	ng		97
31) Naphthalene	10.91	128	519829	46.909	ng		98
32) Benzoic acid	10.18	122	118711	53.231	ng		97
33) 4-Chloroaniline	11.02	127	56549	11.752	ng	#	95
34) Hexachlorobutadiene	11.19	225	162626	48.137	ng		98
35) Caprolactam	11.80	113	50699	37.867	ng	#	61
36) 4-Chloro-3-methylphenol	12.13	107	233799	51.772	ng		95
37) 2-Methylnaphthalene	12.51	142	410138	48.817	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	286355	51.069	ng		98
40) Hexachlorocyclopentadiene	12.85	237	421603	119.902	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	184462	54.941	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	210942	57.242	ng		97
45) 1,1'-Biphenyl	13.51	154	560967	46.343	ng		96
46) 2-Chloronaphthalene	13.55	162	431499	47.149	ng		97
47) 2-Nitroaniline	13.75	65	147467	54.567	ng		89
48) Acenaphthylene	14.40	152	728444	47.469	ng		98
49) Dimethylphthalate	14.13	163	597963	45.551	ng		99
50) 2,6-Dinitrotoluene	14.25	165	140542	58.685	ng		92
51) Acenaphthene	14.74	154	425889	42.476	ng		96
52) 3-Nitroaniline	14.58	138	67581	28.758	ng	#	93
53) 2,4-Dinitrophenol	14.78	184	168666	174.024	ng	#	65
54) Dibenzofuran	15.07	168	705920	47.009	ng		94
55) 4-Nitrophenol	14.89	139	212166	106.976	ng	#	87
56) 2,4-Dinitrotoluene	15.03	165	201195	63.243	ng	#	85
57) Fluorene	15.72	166	584564	46.579	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	209452	58.507	ng	#	91
59) Diethylphthalate	15.49	149	592654	44.251	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	348296	48.670	ng		95
61) 4-Nitroaniline	15.74	138	137034	54.374	ng	#	84
62) Azobenzene	16.00	77	591341	45.056	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	119690	65.735	ng		83
65) n-Nitrosodiphenylamine	15.93	169	529452	44.208	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	238141	49.587	ng		98
67) Hexachlorobenzene	16.72	284	243434	49.801	ng	#	91
68) Atrazine	16.87	200	240827	47.154	ng		98
69) Pentachlorophenol	17.07	266	301705	91.789	ng		99
70) Phenanthrene	17.46	178	948417	46.816	ng		98
71) Anthracene	17.55	178	963780	47.495	ng		98
72) Carbazole	17.82	167	868677	46.137	ng		98
73) Di-n-butylphthalate	18.37	149	977651	43.565	ng	#	98
74) Fluoranthene	19.47	202	1235915	46.884	ng		95
76) Benzidine	19.64	184	541397	35.325	ng		97
77) Pyrene	19.83	202	1233643	45.426	ng		99
79) Butylbenzylphthalate	20.71	149	447009	45.329	ng	#	96
80) Benzo(a)anthracene	21.67	228	1253657	47.623	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	276252	27.893	ng	#	98
82) Chrysene	21.73	228	1182744	49.072	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	613565	44.033	ng	#	99
84) Di-n-octyl phthalate	22.78	149	1045602	43.739	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1392765	49.339	ng	#	84
87) Benzo(b)fluoranthene	23.88	252	1233615	49.912	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	1150924	47.604	ng	#	97
89) Benzo(a)pyrene	24.76	252	1196615	51.452	ng	#	95
90) Dibenzo(a,h)anthracene	28.63	278	1133951	49.392	ng	#	94
91) Benzo(g,h,i)perylene	29.73	276	1155510	51.429	ng	#	93

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

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