Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040781.D
Acq On : 8 May 2019 00:14
Operator : HP/JU
Sample : PB119477BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119477BS

Quant Time: May 08 03:56:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	57198	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	232428	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	169518	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	460021	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	474631	20.00	ng		-0.02
87) Perylene-d12	25.15	264	401928	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	488457	150.54	ng		-0.01
7) Phenol-d6	7.29	99	696288	139.37	ng		0.00
23) Nitrobenzene-d5	9.32	82	417555	83.01	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	363743	156.11	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	881120	75.07	ng		-0.02
79) Terphenyl-d14	20.11	244	1780944	83.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	48226	32.681	ng		93
3) Pyridine	3.95	79	133338	31.174	ng		96
4) n-Nitrosodimethylamine	3.87	42	83464	35.180	ng		92
6) Aniline	7.47	93	171446	25.890	ng		96
8) 2-Chlorophenol	7.70	128	157351	39.715	ng		97
9) Benzaldehyde	7.28	77	66496	18.167	ng		93
10) Phenol	7.31	94	215808	40.184	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	147941	36.735	ng		99
12) 1,3-Dichlorobenzene	8.03	146	163132	37.723	ng		99
13) 1,4-Dichlorobenzene	8.18	146	170266	38.839	ng		98
14) 1,2-Dichlorobenzene	8.50	146	163169	38.595	ng		96
15) Benzyl Alcohol	8.38	79	183912	35.378	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	255045	31.809	ng		98
17) 2-Methylphenol	8.57	107	149940	39.451	ng		96
18) Hexachloroethane	9.23	117	66114	36.765	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	142928	31.781	ng		95
20) 3+4-Methylphenols	8.90	107	203462	38.428	ng		98
22) Acetophenone	8.98	105	260866	40.362	ng	#	94
24) Nitrobenzene	9.36	77	222596	41.475	ng		97
25) Isophorone	9.88	82	395583	35.305	ng		98
26) 2-Nitrophenol	10.07	139	91935	47.787	ng		94
27) 2,4-Dimethylphenol	10.12	122	171046	47.386	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	207031	36.827	ng		97
29) 2,4-Dichlorophenol	10.60	162	183002	44.595	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	193415	42.502	ng		96
31) Naphthalene	11.02	128	488724	39.579	ng		99
32) Benzoic acid	10.23	122	98116	39.706	ng		90
33) 4-Chloroaniline	11.13	127	130561	23.847	ng		94
34) Hexachlorobutadiene	11.28	225	142846	42.518	ng		98
35) Caprolactam	11.91	113	62445	38.542	ng	#	78
36) 4-Chloro-3-methylphenol	12.22	107	211414	40.838	ng		99
37) 2-Methylnaphthalene	12.61	142	367547	39.810	ng		98
38) 1-Methylnaphthalene	12.83	142	347092	38.462	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	257344	40.751	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	251155	67.400	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	170655	44.719	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	187901	45.199	ng		98
46) 1,1'-Biphenyl	13.61	154	489095	37.161	ng		98
47) 2-Chloronaphthalene	13.66	162	409761	39.782	ng		98
48) 2-Nitroaniline	13.86	65	165255	45.072	ng		96
49) Acenaphthylene	14.50	152	636727	36.436	ng		99
50) Dimethylphthalate	14.22	163	541636	38.189	ng		99
51) 2,6-Dinitrotoluene	14.35	165	121961	44.059	ng		92
52) Acenaphthene	14.84	154	376422	36.988	ng		96
53) 3-Nitroaniline	14.68	138	102973	36.306	ng		95
54) 2,4-Dinitrophenol	14.88	184	72665	49.478	ng	#	89
55) Dibenzofuran	15.17	168	653811	39.223	ng		99
56) 4-Nitrophenol	14.97	139	198457	80.695	ng		93
57) 2,4-Dinitrotoluene	15.13	165	181154	48.161	ng		90
58) Fluorene	15.81	166	520728	38.650	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	199904	47.775	ng		96
60) Diethylphthalate	15.57	149	574476	38.389	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	321102	40.978	ng		98
62) 4-Nitroaniline	15.84	138	136014	42.870	ng		94
63) Azobenzene	16.10	77	554845	36.003	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	78840	36.738	ng		95
66) n-Nitrosodiphenylamine	16.02	169	493027	36.428	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	217157	37.890	ng		95
68) Hexachlorobenzene	16.81	284	232390	39.215	ng		97
69) Atrazine	16.96	200	207662	38.727	ng		98
70) Pentachlorophenol	17.15	266	274804	79.245	ng		97
71) Phenanthrene	17.56	178	941707	38.006	ng		98
72) Anthracene	17.65	178	956480	38.404	ng		99
73) Carbazole	17.92	167	859750	37.889	ng		99
74) Di-n-butylphthalate	18.45	149	1023214	37.360	ng		99
75) Fluoranthene	19.56	202	1254516	40.629	ng		99
77) Benzidine	19.74	184	339697	26.139	ng		100
78) Pyrene	19.92	202	1242749	41.776	ng		99
80) Butylbenzylphthalate	20.79	149	479667	41.371	ng		94
81) Benzo(a)anthracene	21.78	228	1202443	40.085	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	356284	33.323	ng		99
83) Chrysene	21.85	228	1187892	41.639	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	664208	39.686	ng		96
85) Di-n-octyl phthalate	22.91	149	1125225	39.921	ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1168836	33.887	ng	#	91
88) Benzo(b)fluoranthene	24.08	252	1222184	49.761	ng		95
89) Benzo(k)fluoranthene	24.15	252	1209126	52.713	ng		99
90) Benzo(a)pyrene	25.00	252	1178290	50.681	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	957902	40.714	ng		96
92) Benzo(g,h,i)perylene	30.22	276	930863	39.754	ng		99

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

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