Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040765.D
Acq On : 7 May 2019 12:09
Operator : HP/JU
Sample : PB119476BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119476BS

Quant Time: May 08 03:52:09 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	51773	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	206469	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	146405	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	405140	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	463601	20.00	ng		-0.02
87) Perylene-d12	25.16	264	347639	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	415529	141.48	ng		-0.01
7) Phenol-d6	7.28	99	593078	131.15	ng		-0.01
23) Nitrobenzene-d5	9.32	82	357310	79.96	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	314418	156.24	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	766523	75.61	ng		-0.02
79) Terphenyl-d14	20.11	244	1589574	75.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	62837	47.044	ng		96
3) Pyridine	3.95	79	126724	32.732	ng		98
4) n-Nitrosodimethylamine	3.87	42	80044	37.274	ng		85
6) Aniline	7.47	93	153138	25.549	ng		99
8) 2-Chlorophenol	7.70	128	149402	41.660	ng		98
9) Benzaldehyde	7.28	77	55284	16.203	ng		96
10) Phenol	7.31	94	205544	42.283	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	137384	37.688	ng		99
12) 1,3-Dichlorobenzene	8.03	146	154362	39.435	ng		98
13) 1,4-Dichlorobenzene	8.18	146	158756	40.008	ng		99
14) 1,2-Dichlorobenzene	8.50	146	148824	38.890	ng		98
15) Benzyl Alcohol	8.38	79	176951	37.606	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	238503	32.863	ng		95
17) 2-Methylphenol	8.57	107	142179	41.329	ng		96
18) Hexachloroethane	9.23	117	60428	37.124	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	135147	33.199	ng		96
20) 3+4-Methylphenols	8.90	107	194939	40.677	ng		95
22) Acetophenone	8.98	105	245819	42.815	ng	#	96
24) Nitrobenzene	9.37	77	209582	43.960	ng		98
25) Isophorone	9.88	82	377956	37.973	ng		98
26) 2-Nitrophenol	10.07	139	86026	50.338	ng		97
27) 2,4-Dimethylphenol	10.12	122	156577	48.831	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	199116	39.873	ng		100
29) 2,4-Dichlorophenol	10.60	162	173532	47.604	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	184568	45.657	ng		98
31) Naphthalene	11.02	128	457718	41.728	ng		99
32) Benzoic acid	10.24	122	109771	50.008	ng		92
33) 4-Chloroaniline	11.13	127	121055	24.891	ng		95
34) Hexachlorobutadiene	11.28	225	133851	44.850	ng		95
35) Caprolactam	11.91	113	58583	40.705	ng	#	89
36) 4-Chloro-3-methylphenol	12.22	107	200772	43.659	ng		99
37) 2-Methylnaphthalene	12.61	142	357021	43.532	ng		98
38) 1-Methylnaphthalene	12.83	142	335082	41.800	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	250127	45.862	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	220659	68.564	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	163957	49.746	ng		93
44) 2,4,5-Trichlorophenol	13.28	196	173259	48.257	ng		99
46) 1,1'-Biphenyl	13.61	154	477965	42.048	ng		98
47) 2-Chloronaphthalene	13.66	162	392895	44.167	ng		97
48) 2-Nitroaniline	13.86	65	159347	50.322	ng		97
49) Acenaphthylene	14.50	152	609442	40.380	ng		98
50) Dimethylphthalate	14.22	163	520874	42.522	ng		99
51) 2,6-Dinitrotoluene	14.35	165	117055	48.962	ng		90
52) Acenaphthene	14.84	154	358377	40.774	ng		95
53) 3-Nitroaniline	14.68	138	97455	39.785	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	110568	81.827	ng		92
55) Dibenzofuran	15.17	168	622297	43.226	ng		99
56) 4-Nitrophenol	14.97	139	199074	93.724	ng		89
57) 2,4-Dinitrotoluene	15.13	165	173595	53.437	ng		93
58) Fluorene	15.82	166	496538	42.672	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	188880	52.267	ng		96
60) Diethylphthalate	15.57	149	542984	42.013	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	309039	45.665	ng		96
62) 4-Nitroaniline	15.84	138	128789	47.001	ng		95
63) Azobenzene	16.10	77	533052	40.049	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	95802	47.993	ng		92
66) n-Nitrosodiphenylamine	16.02	169	473168	39.696	ng		96
67) 4-Bromophenyl-phenylether	16.70	248	209305	41.467	ng		91
68) Hexachlorobenzene	16.81	284	217675	41.707	ng		95
69) Atrazine	16.96	200	190028	40.239	ng		94
70) Pentachlorophenol	17.15	266	278772	91.279	ng		96
71) Phenanthrene	17.56	178	902906	41.376	ng		99
72) Anthracene	17.65	178	913217	41.634	ng		99
73) Carbazole	17.92	167	820095	41.037	ng		99
74) Di-n-butylphthalate	18.46	149	991667	41.113	ng		100
75) Fluoranthene	19.56	202	1195329	43.956	ng		98
77) Benzidine	19.74	184	292992	23.082	ng		99
78) Pyrene	19.92	202	1191376	41.002	ng		99
80) Butylbenzylphthalate	20.79	149	462027	40.798	ng		93
81) Benzo(a)anthracene	21.78	228	1157466	39.504	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	334254	32.007	ng		97
83) Chrysene	21.85	228	1130702	40.578	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	637378	38.989	ng		98
85) Di-n-octyl phthalate	22.91	149	1071193	38.908	ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1081973	32.115	ng	#	88
88) Benzo(b)fluoranthene	24.09	252	1154825	54.361	ng		99
89) Benzo(k)fluoranthene	24.15	252	1156484	58.292	ng		97
90) Benzo(a)pyrene	25.00	252	1117238	55.559	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	874168	42.958	ng		98
92) Benzo(g,h,i)perylene	30.23	276	888268	43.859	ng		98

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

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