Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040606.D
Acq On : 25 Apr 2019 12:20
Operator : JU/SJ
Sample : PB119170BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 22:53:40 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	8.16	152	39460	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	158567	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	113619	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	296633	20.00	ng		0.00
76) Chrysene-d12	21.82	240	369111	20.00	ng		0.00
87) Perylene-d12	25.20	264	349363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	324674	145.04	ng		0.00
7) Phenol-d6	7.29	99	473192	137.29	ng		0.00
23) Nitrobenzene-d5	9.33	82	278284	81.09	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	208795	133.70	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	588633	74.82	ng		0.00
79) Terphenyl-d14	20.13	244	1289606	77.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	42741	41.983	ng		97
3) Pyridine	3.96	79	105159	35.637	ng		96
4) n-Nitrosodimethylamine	3.87	42	69998	42.767	ng	#	93
6) Aniline	7.48	93	144460	31.621	ng		98
8) 2-Chlorophenol	7.71	128	117166	42.865	ng		93
9) Benzaldehyde	7.29	77	42453	16.368	ng	#	86
10) Phenol	7.32	94	164824	44.487	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	111103	39.989	ng		97
12) 1,3-Dichlorobenzene	8.04	146	116152	38.933	ng		95
13) 1,4-Dichlorobenzene	8.19	146	118940	39.327	ng		99
14) 1,2-Dichlorobenzene	8.52	146	115238	39.510	ng		95
15) Benzyl Alcohol	8.39	79	146782	40.928	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	225541	40.774	ng		100
17) 2-Methylphenol	8.59	107	113785	43.396	ng		94
18) Hexachloroethane	9.24	117	49257	39.703	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	114102	36.776	ng		96
20) 3+4-Methylphenols	8.91	107	156951	42.969	ng		97
22) Acetophenone	8.99	105	193139	43.802	ng	#	97
24) Nitrobenzene	9.38	77	167404	45.721	ng		97
25) Isophorone	9.90	82	318557	41.673	ng		99
26) 2-Nitrophenol	10.09	139	61233	46.655	ng		94
27) 2,4-Dimethylphenol	10.13	122	125795	51.083	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	159948	41.705	ng		100
29) 2,4-Dichlorophenol	10.61	162	132402	47.293	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	132183	42.576	ng		95
31) Naphthalene	11.04	128	359849	42.716	ng		97
32) Benzoic acid	10.24	122	68888	40.863	ng		88
33) 4-Chloroaniline	11.14	127	89780	24.037	ng		95
34) Hexachlorobutadiene	11.30	225	96837	42.249	ng		97
35) Caprolactam	11.91	113	47599	43.064	ng		96
36) 4-Chloro-3-methylphenol	12.23	107	159972	45.295	ng		97
37) 2-Methylnaphthalene	12.63	142	269385	42.769	ng		98
38) 1-Methylnaphthalene	12.85	142	254912	41.405	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	175074	41.363	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	239980	96.085 ng		99
43) 2,4,6-Trichlorophenol	13.22	196	118170	46.200 ng		99
44) 2,4,5-Trichlorophenol	13.29	196	128502	46.119 ng		98
46) 1,1'-Biphenyl	13.63	154	365457	41.428 ng		97
47) 2-Chloronaphthalene	13.67	162	289910	41.994 ng		99
48) 2-Nitroaniline	13.87	65	123611	50.301 ng		98
49) Acenaphthylene	14.51	152	469317	40.069 ng		99
50) Dimethylphthalate	14.24	163	399626	42.038 ng		98
51) 2,6-Dinitrotoluene	14.36	165	84460	45.523 ng		93
52) Acenaphthene	14.85	154	274465	40.238 ng		95
53) 3-Nitroaniline	14.69	138	62435	32.843 ng		96
54) 2,4-Dinitrophenol	14.89	184	57851	57.453 ng	#	85
55) Dibenzofuran	15.18	168	472423	42.285 ng		98
56) 4-Nitrophenol	14.98	139	156444	94.908 ng		100
57) 2,4-Dinitrotoluene	15.14	165	124771	49.491 ng		97
58) Fluorene	15.83	166	375740	41.609 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	133705	47.675 ng		98
60) Diethylphthalate	15.59	149	433590	43.230 ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	222403	42.346 ng		97
62) 4-Nitroaniline	15.85	138	100607	47.311 ng		99
63) Azobenzene	16.11	77	443329	42.919 ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	53061	38.034 ng		97
66) n-Nitrosodiphenylamine	16.04	169	352834	40.429 ng		99
67) 4-Bromophenyl-phenylether	16.72	248	148572	40.202 ng		99
68) Hexachlorobenzene	16.82	284	154031	40.308 ng		99
69) Atrazine	16.98	200	154568	44.702 ng		99
70) Pentachlorophenol	17.17	266	200132	89.500 ng		98
71) Phenanthrene	17.58	178	679742	42.544 ng		99
72) Anthracene	17.66	178	699874	43.579 ng		99
73) Carbazole	17.93	167	656977	44.900 ng		99
74) Di-n-butylphthalate	18.47	149	822939	46.598 ng		99
75) Fluoranthene	19.57	202	941462	47.285 ng		98
77) Benzidine	19.76	184	388474	38.438 ng		99
78) Pyrene	19.94	202	961291	41.553 ng		100
80) Butylbenzylphthalate	20.81	149	390352	43.292 ng		99
81) Benzo(a)anthracene	21.81	228	936458	40.143 ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	203053	24.421 ng		97
83) Chrysene	21.87	228	923613	41.631 ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	541296	41.588 ng		97
85) Di-n-octyl phthalate	22.96	149	923580	42.134 ng		97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1090447	40.653 ng	#	91
88) Benzo(b)fluoranthene	24.12	252	955037	44.734 ng		99
89) Benzo(k)fluoranthene	24.19	252	905918	45.437 ng		99
90) Benzo(a)pyrene	25.05	252	914285	45.242 ng		97
91) Dibenzo(a,h)anthracene	29.17	278	903719	44.191 ng		97
92) Benzo(g,h,i)perylene	30.33	276	899303	44.185 ng		96

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

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