Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041149.D
Acq On : 9 Jun 2019 2:16
Operator : HP/JU
Sample : 8270PBBS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8270PBBS1

Quant Time: Jun 10 05:18:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40494	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	165980	20.00	ng		-0.03
39) Acenaphthene-d10	14.74	164	126993	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	321222	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	319971	20.00	ng		-0.03
87) Perylene-d12	25.09	264	343427	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	338584	150.77	ng		-0.01
7) Phenol-d6	7.25	99	508119	146.51	ng		-0.01
23) Nitrobenzene-d5	9.29	82	339572	90.82	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	279822	148.42	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	826105	93.68	ng		-0.03
79) Terphenyl-d14	20.07	244	1462450	97.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	34796	34.146	ng	#	91
3) Pyridine	3.90	79	99974	33.156	ng		96
4) n-Nitrosodimethylamine	3.83	42	59078	42.216	ng		91
6) Aniline	7.43	93	64372	13.905	ng		97
8) 2-Chlorophenol	7.66	128	120210	44.901	ng		98
9) Benzaldehyde	7.24	77	41745	20.178	ng		84
10) Phenol	7.28	94	164654	44.279	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	108326	40.156	ng		99
12) 1,3-Dichlorobenzene	7.99	146	127293	39.809	ng		97
13) 1,4-Dichlorobenzene	8.14	146	131773	40.712	ng		95
14) 1,2-Dichlorobenzene	8.46	146	126684	40.311	ng		97
15) Benzyl Alcohol	8.35	79	137966	43.004	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	167595	38.020	ng		98
17) 2-Methylphenol	8.54	107	115388	42.856	ng		97
18) Hexachloroethane	9.19	117	49982	40.067	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	102416	38.373	ng		99
20) 3+4-Methylphenols	8.87	107	160806	43.117	ng		96
22) Acetophenone	8.93	105	203974	43.809	ng	#	98
24) Nitrobenzene	9.33	77	169425	44.466	ng		97
25) Isophorone	9.84	82	301809	42.417	ng		99
26) 2-Nitrophenol	10.04	139	76175	48.496	ng	#	93
27) 2,4-Dimethylphenol	10.08	122	128715	49.617	ng		91
28) bis(2-Chloroethoxy)methane	10.33	93	156691	40.802	ng		98
29) 2,4-Dichlorophenol	10.57	162	151210	45.900	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	161378	43.062	ng		96
31) Naphthalene	10.98	128	392273	44.018	ng		99
32) Benzoic acid	10.22	122	80536	41.293	ng		94
33) 4-Chloroaniline	11.09	127	46008	11.127	ng		96
34) Hexachlorobutadiene	11.24	225	113473	39.573	ng		95
35) Caprolactam	11.88	113	48000m	44.123	ng		
36) 4-Chloro-3-methylphenol	12.19	107	173793	46.193	ng		97
37) 2-Methylnaphthalene	12.58	142	306803	44.700	ng		98
38) 1-Methylnaphthalene	12.79	142	291223	45.027	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	225868	44.128	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	243662	87.677 ng		95
43) 2,4,6-Trichlorophenol	13.17	196	149347	45.103 ng		99
44) 2,4,5-Trichlorophenol	13.25	196	156968	44.949 ng		98
46) 1,1'-Biphenyl	13.58	154	422123	44.905 ng		98
47) 2-Chloronaphthalene	13.62	162	347942	43.116 ng		97
48) 2-Nitroaniline	13.83	65	126919	43.839 ng		97
49) Acenaphthylene	14.46	152	551677	45.421 ng		99
50) Dimethylphthalate	14.19	163	459614	42.755 ng		99
51) 2,6-Dinitrotoluene	14.32	165	105448	45.495 ng		96
52) Acenaphthene	14.80	154	327324	44.486 ng		97
53) 3-Nitroaniline	14.65	138	48735	21.027 ng	#	98
54) 2,4-Dinitrophenol	14.86	184	101546	82.804 ng		97
55) Dibenzofuran	15.13	168	558015	45.071 ng		99
56) 4-Nitrophenol	14.95	139	157078	98.807 ng		93
57) 2,4-Dinitrotoluene	15.10	165	151024	46.127 ng		100
58) Fluorene	15.78	166	444850	45.118 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	165565	48.243 ng		98
60) Diethylphthalate	15.54	149	471791	43.005 ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	280537	43.774 ng		97
62) 4-Nitroaniline	15.81	138	102452	41.754 ng		94
63) Azobenzene	16.06	77	445062	44.635 ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	82362	47.876 ng		99
66) n-Nitrosodiphenylamine	15.98	169	409017	45.296 ng		99
67) 4-Bromophenyl-phenylether	16.67	248	184092	42.466 ng		96
68) Hexachlorobenzene	16.78	284	192622	41.728 ng		99
69) Atrazine	16.92	200	173824	49.889 ng		99
70) Pentachlorophenol	17.12	266	211567	85.260 ng		95
71) Phenanthrene	17.52	178	762738	45.586 ng		98
72) Anthracene	17.62	178	782740	47.432 ng		99
73) Carbazole	17.89	167	672550	47.498 ng		99
74) Di-n-butylphthalate	18.42	149	795390	45.196 ng		99
75) Fluoranthene	19.53	202	986327	47.725 ng		99
77) Benzidine	19.71	184	144586	18.942 ng		97
78) Pyrene	19.89	202	987730	47.486 ng		99
80) Butylbenzylphthalate	20.76	149	372735	46.048 ng		96
81) Benzo(a)anthracene	21.74	228	948057	44.511 ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	144989	19.354 ng		99
83) Chrysene	21.81	228	929312	45.594 ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	503829	44.216 ng		98
85) Di-n-octyl phthalate	22.85	149	866324	45.650 ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1102586	44.160 ng		99
88) Benzo(b)fluoranthene	24.02	252	968309	46.486 ng		99
89) Benzo(k)fluoranthene	24.09	252	926280	44.937 ng		98
90) Benzo(a)pyrene	24.93	252	942244	47.413 ng		96
91) Dibenzo(a,h)anthracene	28.97	278	926109	46.637 ng		99
92) Benzo(g,h,i)perylene	30.11	276	889550	46.109 ng		99

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

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