Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036360.D
Acq On : 23 Aug 2018 2:26
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG082318

Quant Time: Aug 23 12:28:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	58070	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	257914	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	161095	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	383139	20.00	ng		0.00
75) Chrysene-d12	21.71	240	387202	20.00	ng		0.00
86) Perylene-d12	24.93	264	411877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	278631	76.11	ng		0.00
7) Phenol-d6	7.22	99	404694	77.21	ng		0.00
23) Nitrobenzene-d5	9.23	82	380042	79.95	ng		0.00
41) 2,4,6-Tribromophenol	16.18	330	151300	78.71	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	865468	76.71	ng		0.00
78) Terphenyl-d14	20.05	244	1257532	75.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	60501	35.413	ng		98
3) Pyridine	3.94	79	182260	38.007	ng		98
4) n-Nitrosodimethylamine	3.85	42	80921	37.886	ng		90
6) Aniline	7.39	93	256717	38.588	ng		99
8) 2-Chlorophenol	7.64	128	149170	37.576	ng		96
9) Benzaldehyde	7.21	77	130295	36.100	ng		95
10) Phenol	7.25	94	211942	38.641	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	165407	38.039	ng		98
12) 1,3-Dichlorobenzene	7.96	146	172230	37.995	ng		98
13) 1,4-Dichlorobenzene	8.11	146	174639	38.159	ng		99
14) 1,2-Dichlorobenzene	8.43	146	163339	37.371	ng		99
15) Benzyl Alcohol	8.30	79	168117	39.789	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	328804	37.495	ng		99
17) 2-Methylphenol	8.50	107	140001	38.441	ng		97
18) Hexachloroethane	9.16	117	62857	38.307	ng		99
19) n-Nitroso-di-n-propylamine	8.88	70	152328	38.888	ng		96
20) 3+4-Methylphenols	8.83	107	195015	38.353	ng		98
22) Acetophenone	8.89	105	252267	37.248	ng	#	97
24) Nitrobenzene	9.27	77	201307	39.272	ng		97
25) Isophorone	9.80	82	364036	38.550	ng		100
26) 2-Nitrophenol	9.99	139	81648	40.196	ng		97
27) 2,4-Dimethylphenol	10.04	122	141225	37.554	ng		96
28) bis(2-Chloroethoxy)methane	10.28	93	218915	37.773	ng		98
29) 2,4-Dichlorophenol	10.52	162	162624	39.458	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	183665	38.094	ng		98
31) Naphthalene	10.93	128	490020	38.007	ng		99
32) Benzoic acid	10.16	122	105414	38.760	ng		94
33) 4-Chloroaniline	11.03	127	225736	38.208	ng		96
34) Hexachlorobutadiene	11.22	225	125221	38.656	ng		94
35) Caprolactam	11.81	113	63729	38.816	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	185678	38.772	ng		98
37) 2-Methylnaphthalene	12.54	142	363373	38.518	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	222141	38.966	ng		98
40) Hexachlorocyclopentadiene	12.88	237	118214	39.853	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	137790	39.678 ng	97
43) 2,4,5-Trichlorophenol	13.20	196	148334	40.046 ng	99
45) 1,1'-Biphenyl	13.53	154	509010	38.065 ng	98
46) 2-Chloronaphthalene	13.58	162	392722	38.470 ng	99
47) 2-Nitroaniline	13.77	65	132373	41.293 ng	98
48) Acenaphthylene	14.42	152	610063	38.238 ng	100
49) Dimethylphthalate	14.15	163	507943	38.614 ng	99
50) 2,6-Dinitrotoluene	14.27	165	104975	38.782 ng	98
51) Acenaphthene	14.76	154	385908	37.768 ng	99
52) 3-Nitroaniline	14.59	138	116118	39.808 ng	95
53) 2,4-Dinitrophenol	14.80	184	40699	39.696 ng	98
54) Dibenzofuran	15.10	168	610138	38.115 ng	99
55) 4-Nitrophenol	14.89	139	89012	37.322 ng	96
56) 2,4-Dinitrotoluene	15.05	165	141633	40.148 ng	96
57) Fluorene	15.74	166	446985	37.352 ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	137884	39.620 ng	98
59) Diethylphthalate	15.52	149	501275	37.813 ng	99
60) 4-Chlorophenyl-phenylether	15.74	204	275794	37.322 ng	99
61) 4-Nitroaniline	15.76	138	119396	39.116 ng	95
62) Azobenzene	16.03	77	504312	37.389 ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	67822	40.297 ng	98
65) n-Nitrosodiphenylamine	15.95	169	436702	38.360 ng	99
66) 4-Bromophenyl-phenylether	16.63	248	176670	39.384 ng	95
67) Hexachlorobenzene	16.75	284	178729	38.965 ng	96
68) Atrazine	16.89	200	154192	36.084 ng	98
69) Pentachlorophenol	17.08	266	129462	41.529 ng	98
70) Phenanthrene	17.48	178	747628	38.402 ng	99
71) Anthracene	17.58	178	736728	37.963 ng	99
72) Carbazole	17.84	167	724232	37.368 ng	100
73) Di-n-butylphthalate	18.41	149	821404	38.059 ng	99
74) Fluoranthene	19.49	202	892749	37.611 ng	99
76) Benzidine	19.66	184	431171	34.903 ng	97
77) Pyrene	19.85	202	901970	37.881 ng	100
79) Butylbenzylphthalate	20.74	149	376136	39.694 ng	97
80) Benzo(a)anthracene	21.69	228	884739	37.717 ng	99
81) 3,3'-Dichlorobenzidine	21.61	252	358075	38.302 ng	96
82) Chrysene	21.76	228	836096	37.604 ng	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	519542	39.180 ng	99
84) Di-n-octyl phthalate	22.85	149	881718	39.809 ng	100
85) Indeno(1,2,3-cd)pyrene	28.61	276	996785	38.598 ng	99
87) Benzo(b)fluoranthene	23.92	252	877953	38.386 ng	98
88) Benzo(k)fluoranthene	23.99	252	847200	37.915 ng	99
89) Benzo(a)pyrene	24.79	252	835747	38.026 ng	99
90) Dibenzo(a,h)anthracene	28.68	278	806253	38.000 ng	99
91) Benzo(g,h,i)perylene	29.76	276	816746	38.306 ng	98

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

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