Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
Data File : BG036479.D
Acq On : 29 Aug 2018 6:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 29 06:42:47 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	8.06	152	69508	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	309606	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	202659	20.00	ng		-0.02
63) Phenanthrene-d10	17.43	188	522555	20.00	ng		0.00
75) Chrysene-d12	21.70	240	527196	20.00	ng		-0.02
86) Perylene-d12	24.91	264	563882	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	345455	78.84	ng		0.00
7) Phenol-d6	7.22	99	487359	77.68	ng		0.00
23) Nitrobenzene-d5	9.23	82	467068	81.85	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	211798	87.59	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1087498	76.62	ng		-0.02
78) Terphenyl-d14	20.04	244	1678804	74.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	75839	37.086	ng		93
3) Pyridine	3.93	79	220494	38.413	ng		94
4) n-Nitrosodimethylamine	3.85	42	89471	34.996	ng		90
6) Aniline	7.39	93	290310	36.456	ng		96
8) 2-Chlorophenol	7.62	128	178544	37.574	ng		97
9) Benzaldehyde	7.20	77	151756	35.127	ng		97
10) Phenol	7.24	94	253750	38.650	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	185955	35.727	ng		97
12) 1,3-Dichlorobenzene	7.95	146	200771	37.003	ng		99
13) 1,4-Dichlorobenzene	8.10	146	203269	37.106	ng		99
14) 1,2-Dichlorobenzene	8.42	146	194708	37.217	ng		97
15) Benzyl Alcohol	8.30	79	189084	37.387	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	352057	33.540	ng		99
17) 2-Methylphenol	8.50	107	167551	38.435	ng		100
18) Hexachloroethane	9.15	117	72071	36.695	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	163270	34.822	ng		96
20) 3+4-Methylphenols	8.83	107	233522	38.369	ng		99
22) Acetophenone	8.88	105	287994	35.423	ng	#	99
24) Nitrobenzene	9.27	77	234655	38.135	ng		95
25) Isophorone	9.79	82	403675	35.610	ng		97
26) 2-Nitrophenol	9.97	139	105201	43.144	ng		95
27) 2,4-Dimethylphenol	10.03	122	169653	37.581	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	251773	36.189	ng		97
29) 2,4-Dichlorophenol	10.51	162	203054	41.042	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	218115	37.686	ng		99
31) Naphthalene	10.92	128	569539	36.799	ng		99
32) Benzoic acid	10.17	122	137786	41.806	ng		96
33) 4-Chloroaniline	11.02	127	271918	38.341	ng		99
34) Hexachlorobutadiene	11.21	225	153736	39.534	ng		98
35) Caprolactam	11.80	113	75873	38.497	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	229026	39.839	ng		98
37) 2-Methylnaphthalene	12.52	142	426629	37.673	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	272063	37.935	ng		99
40) Hexachlorocyclopentadiene	12.86	237	140592	37.677	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	180688	41.359	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	189098	40.581	ng	100
45) 1,1'-Biphenyl	13.52	154	611724	36.364	ng	99
46) 2-Chloronaphthalene	13.56	162	479594	37.345	ng	100
47) 2-Nitroaniline	13.76	65	165698	41.088	ng	95
48) Acenaphthylene	14.41	152	744082	37.073	ng	99
49) Dimethylphthalate	14.14	163	617317	37.304	ng	99
50) 2,6-Dinitrotoluene	14.26	165	139820	41.061	ng	92
51) Acenaphthene	14.75	154	493987	38.430	ng	99
52) 3-Nitroaniline	14.59	138	156159	42.556	ng	99
53) 2,4-Dinitrophenol	14.79	184	81121	62.894	ng	96
54) Dibenzofuran	15.09	168	743934	36.942	ng	99
55) 4-Nitrophenol	14.89	139	114688	38.225	ng	97
56) 2,4-Dinitrotoluene	15.04	165	197124	44.418	ng	87
57) Fluorene	15.73	166	563070	37.402	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	185229	42.309	ng	96
59) Diethylphthalate	15.50	149	619122	37.124	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	360634	38.794	ng	98
61) 4-Nitroaniline	15.75	138	159892	41.640	ng	96
62) Azobenzene	16.02	77	605544	35.686	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	103821	45.228	ng	97
65) n-Nitrosodiphenylamine	15.94	169	560093	36.072	ng	97
66) 4-Bromophenyl-phenylether	16.62	248	234799	38.378	ng	99
67) Hexachlorobenzene	16.74	284	237077	37.896	ng	98
68) Atrazine	16.88	200	208477	35.772	ng	97
69) Pentachlorophenol	17.08	266	175448	41.265	ng	99
70) Phenanthrene	17.47	178	966688	36.407	ng	99
71) Anthracene	17.57	178	957744	36.185	ng	99
72) Carbazole	17.83	167	950910	35.974	ng	99
73) Di-n-butylphthalate	18.39	149	1057934	35.941	ng	99
74) Fluoranthene	19.47	202	1168484	36.094	ng	98
76) Benzidine	19.65	184	508956	30.259	ng	98
77) Pyrene	19.84	202	1192382	36.780	ng	98
79) Butylbenzylphthalate	20.73	149	490356	38.006	ng	95
80) Benzo(a)anthracene	21.68	228	1161640	36.371	ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	476622	37.445	ng	98
82) Chrysene	21.75	228	1118496	36.947	ng	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	662482	36.693	ng	99
84) Di-n-octyl phthalate	22.81	149	1120055	37.141	ng	97
85) Indeno(1,2,3-cd)pyrene	28.58	276	1348690	38.356	ng	99
87) Benzo(b)fluoranthene	23.89	252	1169427	37.347	ng	97
88) Benzo(k)fluoranthene	23.96	252	1132144	37.009	ng	99
89) Benzo(a)pyrene	24.76	252	1134112	37.692	ng	100
90) Dibenzo(a,h)anthracene	28.64	278	1086640	37.409	ng	98
91) Benzo(g,h,i)perylene	29.72	276	1094674	37.501	ng	95

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

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