Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
Data File : BG040577.D
Acq On : 23 Apr 2019 18:47
Operator : JU/SJ
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Apr 24 04:19:26 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 04:08:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39335	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	180116	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	127551	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	312231	20.00	ng		0.00
76) Chrysene-d12	21.82	240	352160	20.00	ng		0.00
87) Perylene-d12	25.20	264	350755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	92529	39.11	ng		0.00
7) Phenol-d6	7.29	99	139905	42.78	ng		0.00
23) Nitrobenzene-d5	9.33	82	149771	44.20	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	68051	49.37	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	367562	42.70	ng		0.00
79) Terphenyl-d14	20.13	244	707057	45.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	21272	19.119	ng		99
3) Pyridine	3.97	79	58748	19.611	ng		94
4) n-Nitrosodimethylamine	3.89	42	29142	21.031	ng	#	85
6) Aniline	7.48	93	92890	21.864	ng		97
8) 2-Chlorophenol	7.72	128	57387	20.719	ng		94
9) Benzaldehyde	7.29	77	51789	23.088	ng		95
10) Phenol	7.32	94	73891	20.818	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	56740	19.959	ng		99
12) 1,3-Dichlorobenzene	8.05	146	60873	20.217	ng		94
13) 1,4-Dichlorobenzene	8.19	146	63364	21.130	ng		98
14) 1,2-Dichlorobenzene	8.52	146	60970	21.260	ng		99
15) Benzyl Alcohol	8.39	79	73035	27.733	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	114480	20.983	ng		99
17) 2-Methylphenol	8.59	107	55578	22.629	ng		97
18) Hexachloroethane	9.25	117	26409	23.152	ng		84
19) n-Nitroso-di-n-propylamine	8.96	70	65917	28.115	ng		96
20) 3+4-Methylphenols	8.91	107	76660	23.040	ng		98
22) Acetophenone	8.99	105	100880	22.453	ng	#	96
24) Nitrobenzene	9.38	77	82468	23.502	ng		99
25) Isophorone	9.90	82	178678	25.627	ng		98
26) 2-Nitrophenol	10.09	139	26401	15.878	ng		93
27) 2,4-Dimethylphenol	10.13	122	56858	21.528	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	88849	21.539	ng		98
29) 2,4-Dichlorophenol	10.61	162	63566	22.174	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	72081	22.899	ng		97
31) Naphthalene	11.04	128	193511	20.960	ng		99
32) Benzoic acid	10.21	122	33218	20.817	ng		93
33) 4-Chloroaniline	11.14	127	86453	21.953	ng		96
34) Hexachlorobutadiene	11.31	225	52091	25.875	ng		92
35) Caprolactam	11.91	113	24825	21.822	ng		93
36) 4-Chloro-3-methylphenol	12.24	107	83177	25.238	ng		97
37) 2-Methylnaphthalene	12.63	142	146825	21.503	ng		98
38) 1-Methylnaphthalene	12.85	142	141881	21.429	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	93022	22.946	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	53977	24.249 ng	97
43) 2,4,6-Trichlorophenol	13.22	196	57784	22.108 ng	100
44) 2,4,5-Trichlorophenol	13.29	196	60972	21.402 ng	96
46) 1,1'-Biphenyl	13.63	154	201293	19.973 ng	97
47) 2-Chloronaphthalene	13.68	162	156713	20.272 ng	99
48) 2-Nitroaniline	13.88	65	49261	18.891 ng	92
49) Acenaphthylene	14.52	152	271307	20.699 ng	98
50) Dimethylphthalate	14.24	163	218641	21.902 ng	98
51) 2,6-Dinitrotoluene	14.36	165	38794	17.307 ng	97
52) Acenaphthene	14.85	154	159091	21.182 ng	98
53) 3-Nitroaniline	14.69	138	41344	17.425 ng	96
54) 2,4-Dinitrophenol	14.89	184	17947	15.055 ng	93
55) Dibenzofuran	15.19	168	258564	21.425 ng	99
56) 4-Nitrophenol	14.97	139	36004	18.802 ng	87
57) 2,4-Dinitrotoluene	15.14	165	49638	15.938 ng	98
58) Fluorene	15.83	166	210112	22.144 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	61606	23.830 ng	95
60) Diethylphthalate	15.59	149	235927	23.096 ng	97
61) 4-Chlorophenyl-phenylether	15.83	204	118649	23.394 ng	96
62) 4-Nitroaniline	15.85	138	46389	18.218 ng	96
63) Azobenzene	16.11	77	238935	24.797 ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	24429	13.926 ng	96
66) n-Nitrosodiphenylamine	16.04	169	191242	20.931 ng	98
67) 4-Bromophenyl-phenylether	16.72	248	77546	22.070 ng	98
68) Hexachlorobenzene	16.82	284	82575	23.373 ng	94
69) Atrazine	16.98	200	78613	23.130 ng	96
70) Pentachlorophenol	17.17	266	47472	23.242 ng	99
71) Phenanthrene	17.58	178	355012	21.632 ng	99
72) Anthracene	17.66	178	358733	21.839 ng	99
73) Carbazole	17.94	167	333489	21.452 ng	98
74) Di-n-butylphthalate	18.48	149	408990	22.195 ng	99
75) Fluoranthene	19.58	202	459423	23.641 ng	97
77) Benzidine	19.76	184	253893	19.965 ng	99
78) Pyrene	19.94	202	469355	20.267 ng	100
80) Butylbenzylphthalate	20.81	149	173666	17.525 ng	100
81) Benzo(a)anthracene	21.80	228	469255	21.633 ng	97
82) 3,3'-Dichlorobenzidine	21.71	252	169429	20.533 ng	98
83) Chrysene	21.87	228	442994	21.250 ng	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	260273	18.373 ng	99
85) Di-n-octyl phthalate	22.96	149	433620	17.966 ng	100
86) Indeno(1,2,3-cd)pyrene	29.08	276	507458	19.903 ng	93
88) Benzo(b)fluoranthene	24.12	252	442187	20.591 ng	100
89) Benzo(k)fluoranthene	24.19	252	410209	20.772 ng	98
90) Benzo(a)pyrene	25.04	252	412926	20.494 ng	99
91) Dibenzo(a,h)anthracene	29.16	278	413473	22.095 ng	99
92) Benzo(g,h,i)perylene	30.30	276	414754	21.566 ng	99

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

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