Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040937.D
Acq On : 29 May 2019 14:52
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: May 29 16:18:56 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 16:09:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48700	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	214446	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	165857	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	420327	20.00	ng		0.00
76) Chrysene-d12	21.78	240	419513	20.00	ng		0.00
87) Perylene-d12	25.12	264	448305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	110173	39.88	ng		0.00
7) Phenol-d6	7.27	99	172952	40.66	ng		0.00
23) Nitrobenzene-d5	9.30	82	196046	42.24	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	97932	42.96	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	487738	42.47	ng		0.00
79) Terphenyl-d14	20.10	244	900531	47.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	25043	19.932	ng		99
3) Pyridine	3.94	79	71223	19.557	ng		97
4) n-Nitrosodimethylamine	3.86	42	31151	15.421	ng	#	85
6) Aniline	7.45	93	112436	19.942	ng		95
8) 2-Chlorophenol	7.68	128	66370	19.675	ng		95
9) Benzaldehyde	7.27	77	57911	21.957	ng		89
10) Phenol	7.30	94	92888	20.314	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	63019	18.379	ng		97
12) 1,3-Dichlorobenzene	8.01	146	77480	21.043	ng		100
13) 1,4-Dichlorobenzene	8.16	146	78894	21.137	ng		97
14) 1,2-Dichlorobenzene	8.48	146	76716	21.312	ng		94
15) Benzyl Alcohol	8.36	79	77431	17.494	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	104577	15.319	ng		98
17) 2-Methylphenol	8.56	107	67846	20.966	ng		99
18) Hexachloroethane	9.22	117	29653	19.367	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	63482	16.579	ng		97
20) 3+4-Methylphenols	8.88	107	95838	21.260	ng		94
22) Acetophenone	8.96	105	121676	20.404	ng	#	96
24) Nitrobenzene	9.35	77	99522	20.098	ng		96
25) Isophorone	9.86	82	180493	17.459	ng		98
26) 2-Nitrophenol	10.06	139	37980	21.397	ng	#	89
27) 2,4-Dimethylphenol	10.10	122	68698	20.628	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	100323	19.342	ng		98
29) 2,4-Dichlorophenol	10.59	162	88034	23.251	ng		99
30) 1,2,4-Trichlorobenzene	10.81	180	95830	22.824	ng		94
31) Naphthalene	11.00	128	237455	20.842	ng		95
32) Benzoic acid	10.18	122	36566	16.038	ng		86
33) 4-Chloroaniline	11.11	127	108827	21.544	ng		98
34) Hexachlorobutadiene	11.27	225	76489	24.676	ng		99
35) Caprolactam	11.88	113	28604	19.135	ng		94
36) 4-Chloro-3-methylphenol	12.21	107	99747	20.884	ng		98
37) 2-Methylnaphthalene	12.59	142	181024	21.252	ng		99
38) 1-Methylnaphthalene	12.81	142	171491	20.597	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	134010	21.689	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	47497	13.028	ng		95
43) 2,4,6-Trichlorophenol	13.19	196	87542	23.446	ng		97
44) 2,4,5-Trichlorophenol	13.26	196	94560	23.248	ng		98
46) 1,1'-Biphenyl	13.59	154	250983	19.490	ng		97
47) 2-Chloronaphthalene	13.64	162	213408	21.176	ng		97
48) 2-Nitroaniline	13.85	65	74208	20.687	ng		97
49) Acenaphthylene	14.49	152	334027	19.536	ng		97
50) Dimethylphthalate	14.20	163	291492	21.006	ng		99
51) 2,6-Dinitrotoluene	14.33	165	60530	22.349	ng		96
52) Acenaphthene	14.82	154	197333	19.818	ng		98
53) 3-Nitroaniline	14.67	138	61106	22.020	ng		88
54) 2,4-Dinitrophenol	14.87	184	13401	10.039	ng		95
55) Dibenzofuran	15.16	168	339454	20.814	ng		97
56) 4-Nitrophenol	14.95	139	38274	15.906	ng	#	88
57) 2,4-Dinitrotoluene	15.12	165	84915	23.073	ng		98
58) Fluorene	15.80	166	270773	20.541	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	92813	22.671	ng		99
60) Diethylphthalate	15.56	149	302518	20.662	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	171984	22.432	ng		95
62) 4-Nitroaniline	15.83	138	64878	20.900	ng		91
63) Azobenzene	16.08	77	272775	18.090	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	30632	15.835	ng		94
66) n-Nitrosodiphenylamine	16.00	169	239540	19.370	ng		98
67) 4-Bromophenyl-phenylether	16.68	248	112633	21.508	ng		97
68) Hexachlorobenzene	16.80	284	117349	21.672	ng		100
69) Atrazine	16.94	200	106016	21.638	ng		93
70) Pentachlorophenol	17.14	266	47882	15.112	ng		96
71) Phenanthrene	17.54	178	458799	20.265	ng		99
72) Anthracene	17.64	178	455174	20.002	ng		99
73) Carbazole	17.91	167	385284	18.583	ng		96
74) Di-n-butylphthalate	18.44	149	485750	19.411	ng		99
75) Fluoranthene	19.55	202	582288	20.639	ng		100
77) Benzidine	19.73	184	221966	19.324	ng		98
78) Pyrene	19.91	202	585020	22.250	ng		97
80) Butylbenzylphthalate	20.77	149	211236	20.613	ng		100
81) Benzo(a)anthracene	21.76	228	587441	22.156	ng		96
82) 3,3'-Dichlorobenzidine	21.67	252	199784	21.141	ng		99
83) Chrysene	21.83	228	559820	22.202	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	301992	20.415	ng		97
85) Di-n-octyl phthalate	22.88	149	499952	20.068	ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	631766	20.723	ng	#	85
88) Benzo(b)fluoranthene	24.05	252	564714	20.614	ng		99
89) Benzo(k)fluoranthene	24.12	252	553325	21.627	ng		99
90) Benzo(a)pyrene	24.96	252	525949	20.282	ng		97
91) Dibenzo(a,h)anthracene	29.03	278	519689	19.804	ng		99
92) Benzo(g,h,i)perylene	30.17	276	500643	19.169	ng		98

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

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