Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040975.D
Acq On : 31 May 2019 12:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 31 19:29:41 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	8.12	152	51292	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	206629	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	154557	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	385084	20.00	ng		0.00
76) Chrysene-d12	21.78	240	388678	20.00	ng		0.00
87) Perylene-d12	25.11	264	425103	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	219312	77.10	ng		0.00
7) Phenol-d6	7.26	99	324867	73.95	ng		0.00
23) Nitrobenzene-d5	9.30	82	380268	81.70	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	180981	78.88	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	857637	79.91	ng		0.00
79) Terphenyl-d14	20.09	244	1544805	84.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	52636	40.779	ng		98
3) Pyridine	3.93	79	147635	38.654	ng		98
4) n-Nitrosodimethylamine	3.85	42	73076	41.225	ng		99
6) Aniline	7.44	93	225473	38.452	ng		97
8) 2-Chlorophenol	7.68	128	125228	36.928	ng		97
9) Benzaldehyde	7.26	77	101385	38.688	ng		92
10) Phenol	7.29	94	174312	37.007	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	132825	38.872	ng		94
12) 1,3-Dichlorobenzene	8.01	146	155707	38.444	ng		96
13) 1,4-Dichlorobenzene	8.16	146	158286	38.609	ng		97
14) 1,2-Dichlorobenzene	8.48	146	151857	38.149	ng		95
15) Benzyl Alcohol	8.36	79	153471	37.766	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	210844	37.761	ng		99
17) 2-Methylphenol	8.55	107	124835	36.604	ng		97
18) Hexachloroethane	9.20	117	61540	38.946	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	126388	37.386	ng		98
20) 3+4-Methylphenols	8.88	107	169390	35.857	ng		98
22) Acetophenone	8.95	105	236512	40.804	ng		96
24) Nitrobenzene	9.34	77	197127	41.559	ng		100
25) Isophorone	9.86	82	366724	41.401	ng		98
26) 2-Nitrophenol	10.05	139	82668	42.276	ng	#	89
27) 2,4-Dimethylphenol	10.09	122	126089	39.043	ng		99
28) bis(2-Chloroethoxy)methane	10.34	93	194922	40.772	ng		99
29) 2,4-Dichlorophenol	10.58	162	154228	37.607	ng		92
30) 1,2,4-Trichlorobenzene	10.80	180	185570	39.776	ng		95
31) Naphthalene	11.00	128	436874	39.379	ng		98
32) Benzoic acid	10.21	122	75849	33.219	ng		89
33) 4-Chloroaniline	11.10	127	202342	39.309	ng		95
34) Hexachlorobutadiene	11.25	225	147963	41.450	ng		94
35) Caprolactam	11.89	113	54916	40.550	ng		93
36) 4-Chloro-3-methylphenol	12.21	107	177169	37.827	ng		98
37) 2-Methylnaphthalene	12.59	142	322092	37.696	ng		99
38) 1-Methylnaphthalene	12.59	142	322092	40.003	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	241896	38.831	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	131971	43.589	ng		97
43) 2,4,6-Trichlorophenol	13.19	196	157868	39.174	ng		98
44) 2,4,5-Trichlorophenol	13.26	196	163186	38.396	ng		95
46) 1,1'-Biphenyl	13.59	154	449303	39.273	ng		98
47) 2-Chloronaphthalene	13.63	162	383307	39.027	ng		97
48) 2-Nitroaniline	13.84	65	146954	41.707	ng		95
49) Acenaphthylene	14.48	152	581872	39.363	ng		99
50) Dimethylphthalate	14.20	163	520696	39.799	ng		99
51) 2,6-Dinitrotoluene	14.33	165	108794	38.567	ng		99
52) Acenaphthene	14.81	154	344178	38.435	ng		97
53) 3-Nitroaniline	14.66	138	111739	39.613	ng		99
54) 2,4-Dinitrophenol	14.86	184	51976	45.234	ng		94
55) Dibenzofuran	15.15	168	591786	39.274	ng		100
56) 4-Nitrophenol	14.95	139	82011	42.387	ng		93
57) 2,4-Dinitrotoluene	15.11	165	162920	40.886	ng	#	98
58) Fluorene	15.80	166	459841	38.320	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.37	232	165611	39.650	ng		99
60) Diethylphthalate	15.55	149	522606	39.141	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	297229	38.108	ng		96
62) 4-Nitroaniline	15.83	138	124563	41.712	ng		94
63) Azobenzene	16.08	77	472353	38.924	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	73045	37.653	ng		97
66) n-Nitrosodiphenylamine	16.00	169	422931	39.069	ng		98
67) 4-Bromophenyl-phenylether	16.68	248	201450	38.764	ng		97
68) Hexachlorobenzene	16.79	284	212084	38.325	ng		97
69) Atrazine	16.94	200	181520	43.458	ng		96
70) Pentachlorophenol	17.14	266	109622	39.267	ng		96
71) Phenanthrene	17.54	178	812640	40.514	ng		98
72) Anthracene	17.63	178	816702	41.283	ng		98
73) Carbazole	17.90	167	713491	42.033	ng		99
74) Di-n-butylphthalate	18.43	149	878603	41.645	ng		98
75) Fluoranthene	19.54	202	1051177	42.428	ng		98
77) Benzidine	19.72	184	393865	42.479	ng		97
78) Pyrene	19.90	202	1054211	41.723	ng		99
80) Butylbenzylphthalate	20.77	149	404102	41.098	ng		98
81) Benzo(a)anthracene	21.76	228	1051313	40.634	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	370796	40.746	ng		99
83) Chrysene	21.82	228	1012666	40.900	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	551513	39.844	ng		98
85) Di-n-octyl phthalate	22.87	149	920241	39.919	ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1204838	39.725	ng		99
88) Benzo(b)fluoranthene	24.05	252	1026318	39.805	ng		100
89) Benzo(k)fluoranthene	24.12	252	1006763	39.458	ng		99
90) Benzo(a)pyrene	24.96	252	972963	39.552	ng		98
91) Dibenzo(a,h)anthracene	29.02	278	963546	39.200	ng		98
92) Benzo(g,h,i)perylene	30.16	276	948950	39.738	ng		98

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

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