Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040854.D
Acq On : 10 May 2019 20:41
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 11 05:50:48 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 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55779	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	239437	20.00	ng		-0.02
39) Acenaphthene-d10	14.76	164	171590	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	433237	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	443459	20.00	ng		-0.03
87) Perylene-d12	25.14	264	462578	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	238826	75.48	ng		-0.02
7) Phenol-d6	7.27	99	356221	73.11	ng		-0.02
23) Nitrobenzene-d5	9.32	82	411625	79.43	ng		-0.02
42) 2,4,6-Tribromophenol	16.25	330	201970	85.63	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	900749	75.81	ng		-0.03
79) Terphenyl-d14	20.10	244	1702076	85.03	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	53199	36.968	ng		89
3) Pyridine	3.95	79	149495	35.840	ng		93
4) n-Nitrosodimethylamine	3.86	42	81695	35.311	ng		87
6) Aniline	7.46	93	231144	35.793	ng		98
8) 2-Chlorophenol	7.69	128	143665	37.183	ng		98
9) Benzaldehyde	7.27	77	106485	35.189	ng		95
10) Phenol	7.30	94	192543	36.764	ng		98
11) bis(2-Chloroethyl)ether	7.55	93	142781	36.356	ng		100
12) 1,3-Dichlorobenzene	8.02	146	163473	38.763	ng		95
13) 1,4-Dichlorobenzene	8.17	146	163476	38.239	ng		98
14) 1,2-Dichlorobenzene	8.49	146	157837	38.283	ng		98
15) Benzyl Alcohol	8.37	79	167939	33.128	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	234607	30.004	ng		96
17) 2-Methylphenol	8.56	107	133191	35.936	ng		94
18) Hexachloroethane	9.22	117	64539	36.802	ng		96
19) n-Nitroso-di-n-propylamine	8.94	70	142149	32.411	ng		96
20) 3+4-Methylphenols	8.89	107	183023	35.447	ng		97
22) Acetophenone	8.96	105	245608	36.888	ng	#	95
24) Nitrobenzene	9.36	77	212405	38.418	ng		97
25) Isophorone	9.87	82	404076	35.007	ng		98
26) 2-Nitrophenol	10.07	139	92957	46.904	ng		99
27) 2,4-Dimethylphenol	10.10	122	135295	36.384	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	204689	35.345	ng		98
29) 2,4-Dichlorophenol	10.59	162	164201	38.842	ng		93
30) 1,2,4-Trichlorobenzene	10.81	180	193894	41.360	ng		97
31) Naphthalene	11.01	128	483176	37.984	ng		99
32) Benzoic acid	10.23	122	104334m	40.986	ng		
33) 4-Chloroaniline	11.12	127	204470	36.254	ng		94
34) Hexachlorobutadiene	11.27	225	151753	43.847	ng		98
35) Caprolactam	11.90	113	58292	34.926	ng	#	75
36) 4-Chloro-3-methylphenol	12.21	107	195836	36.722	ng		97
37) 2-Methylnaphthalene	12.60	142	352056	37.016	ng		100
38) 1-Methylnaphthalene	12.82	142	345581	37.174	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	260061	40.684	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	157141	41.661	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	157767	40.842	ng		98
44) 2,4,5-Trichlorophenol	13.27	196	171246	40.695	ng		96
46) 1,1'-Biphenyl	13.60	154	484315	36.353	ng		96
47) 2-Chloronaphthalene	13.65	162	391417	37.542	ng		98
48) 2-Nitroaniline	13.85	65	150044	40.429	ng		99
49) Acenaphthylene	14.49	152	642249	36.308	ng		99
50) Dimethylphthalate	14.21	163	534996	37.265	ng		99
51) 2,6-Dinitrotoluene	14.34	165	119997	42.826	ng		89
52) Acenaphthene	14.83	154	361052	35.049	ng		96
53) 3-Nitroaniline	14.67	138	115184	40.121	ng	#	95
54) 2,4-Dinitrophenol	14.87	184	76007	50.894	ng		93
55) Dibenzofuran	15.16	168	631894	37.450	ng		99
56) 4-Nitrophenol	14.96	139	96098	38.603	ng		91
57) 2,4-Dinitrotoluene	15.12	165	170258	44.717	ng		93
58) Fluorene	15.81	166	499868	36.653	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	175699	41.483	ng		95
60) Diethylphthalate	15.56	149	542910	35.842	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	312154	39.355	ng		96
62) 4-Nitroaniline	15.84	138	124567	38.788	ng		92
63) Azobenzene	16.09	77	514703	32.995	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	107802	50.130	ng		93
66) n-Nitrosodiphenylamine	16.01	169	448876	35.216	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	208147	38.563	ng		97
68) Hexachlorobenzene	16.80	284	217342	38.943	ng		93
69) Atrazine	16.95	200	176207	34.892	ng		100
70) Pentachlorophenol	17.14	266	138407	42.380	ng		96
71) Phenanthrene	17.55	178	863755	37.015	ng		99
72) Anthracene	17.64	178	857996	36.579	ng		99
73) Carbazole	17.91	167	767260	35.903	ng		98
74) Di-n-butylphthalate	18.45	149	905602	35.110	ng		100
75) Fluoranthene	19.55	202	1113811	38.302	ng		99
77) Benzidine	19.73	184	404686	33.329	ng		98
78) Pyrene	19.92	202	1112062	40.011	ng		99
80) Butylbenzylphthalate	20.78	149	404540	37.344	ng		93
81) Benzo(a)anthracene	21.77	228	1093009	38.999	ng		100
82) 3,3'-Dichlorobenzidine	21.68	252	390513	39.092	ng		99
83) Chrysene	21.84	228	1062426	39.859	ng		100
84) Bis(2-ethylhexyl)phthalate	21.64	149	560104	35.818	ng		97
85) Di-n-octyl phthalate	22.89	149	938845	35.650	ng		96
86) Indeno(1,2,3-cd)pyrene	28.98	276	1238943	38.445	ng	#	91
88) Benzo(b)fluoranthene	24.14	252	984233	34.819	ng		99
89) Benzo(k)fluoranthene	24.14	252	984233	37.283	ng	#	99
90) Benzo(a)pyrene	24.98	252	1007727	37.661	ng		98
91) Dibenzo(a,h)anthracene	29.06	278	1006551	37.173	ng	#	98
92) Benzo(g,h,i)perylene	30.20	276	1015526	37.684	ng		96

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

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