Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041880.D
Acq On : 2 Aug 2019 9:19
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 02 17:54:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	85700	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	383730	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	288487	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	666667	20.00	ng		0.00
76) Chrysene-d12	21.74	240	648324	20.00	ng		0.00
87) Perylene-d12	25.00	264	769149	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	349452	79.34	ng		0.00
7) Phenol-d6	7.19	99	488180	82.21	ng		0.00
23) Nitrobenzene-d5	9.21	82	469367	84.17	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	297685	90.85	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1311274	80.17	ng		0.00
79) Terphenyl-d14	20.06	244	2119778	74.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	72227	34.838	ng		92
3) Pyridine	3.87	79	211359	37.177	ng		90
4) n-Nitrosodimethylamine	3.78	42	90730	40.258	ng		95
6) Aniline	7.36	93	332869	39.808	ng		95
8) 2-Chlorophenol	7.60	128	209034	41.443	ng		93
9) Benzaldehyde	7.17	77	158337	37.894	ng		91
10) Phenol	7.22	94	253050	40.960	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	202249	39.822	ng		95
12) 1,3-Dichlorobenzene	7.93	146	262143	39.821	ng		98
13) 1,4-Dichlorobenzene	8.08	146	261408	39.685	ng		97
14) 1,2-Dichlorobenzene	8.40	146	251844	40.068	ng		96
15) Benzyl Alcohol	8.28	79	196489	42.058	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	351763	38.930	ng		96
17) 2-Methylphenol	8.48	107	184298	41.019	ng		99
18) Hexachloroethane	9.14	117	93577	41.485	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	176634	40.970	ng		94
20) 3+4-Methylphenols	8.81	107	258208	41.996	ng		99
22) Acetophenone	8.87	105	332243	38.709	ng	#	93
24) Nitrobenzene	9.25	77	244580	41.634	ng		96
25) Isophorone	9.78	82	476937	39.318	ng		99
26) 2-Nitrophenol	9.97	139	133173	48.845	ng		96
27) 2,4-Dimethylphenol	10.03	122	195727	40.675	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	296590	39.127	ng		100
29) 2,4-Dichlorophenol	10.51	162	248105	42.339	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	299249	40.271	ng	#	96
31) Naphthalene	10.91	128	702991	40.029	ng		98
32) Benzoic acid	10.17	122	146380	43.567	ng		97
33) 4-Chloroaniline	11.02	127	332472	39.920	ng		95
34) Hexachlorobutadiene	11.21	225	203767	40.630	ng		99
35) Caprolactam	11.79	113	89993	44.190	ng	#	80
36) 4-Chloro-3-methylphenol	12.14	107	250996	43.204	ng		95
37) 2-Methylnaphthalene	12.52	142	566636	40.762	ng		98
38) 1-Methylnaphthalene	12.75	142	540561	41.033	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	363965	39.857	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	226643	44.144	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	250492	43.400	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	261344	43.573	ng		94
46) 1,1'-Biphenyl	13.53	154	740239	39.916	ng		97
47) 2-Chloronaphthalene	13.58	162	625520	39.618	ng		98
48) 2-Nitroaniline	13.77	65	182794	45.648	ng		88
49) Acenaphthylene	14.42	152	947261	40.108	ng		98
50) Dimethylphthalate	14.15	163	825860	41.917	ng		100
51) 2,6-Dinitrotoluene	14.26	165	191168	46.402	ng		90
52) Acenaphthene	14.77	154	625892	40.746	ng		99
53) 3-Nitroaniline	14.59	138	194836	44.206	ng	#	91
54) 2,4-Dinitrophenol	14.80	184	105504	49.635	ng		90
55) Dibenzofuran	15.10	168	954537	40.627	ng		95
56) 4-Nitrophenol	14.90	139	152226	45.501	ng		92
57) 2,4-Dinitrotoluene	15.05	165	273604	48.292	ng		91
58) Fluorene	15.75	166	776085	41.161	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	262021	44.108	ng		92
60) Diethylphthalate	15.52	149	811976	41.977	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	474210	41.197	ng		94
62) 4-Nitroaniline	15.76	138	209397	43.863	ng		97
63) Azobenzene	16.04	77	626253	39.633	ng		93
65) 4,6-Dinitro-2-methylphenol	15.82	198	157248	48.165	ng		84
66) n-Nitrosodiphenylamine	15.95	169	720814	39.693	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	331526	40.371	ng		97
68) Hexachlorobenzene	16.76	284	340972	39.688	ng		94
69) Atrazine	16.90	200	292836	41.042	ng		99
70) Pentachlorophenol	17.10	266	219287	44.931	ng		99
71) Phenanthrene	17.49	178	1282459	40.133	ng		96
72) Anthracene	17.58	178	1286557	40.369	ng		95
73) Carbazole	17.85	167	1149951	40.201	ng		95
74) Di-n-butylphthalate	18.42	149	1348147	41.572	ng		97
75) Fluoranthene	19.50	202	1565624	40.307	ng		93
77) Benzidine	19.68	184	802179	37.908	ng		98
78) Pyrene	19.86	202	1565067	40.744	ng		94
80) Butylbenzylphthalate	20.75	149	628425	42.671	ng		91
81) Benzo(a)anthracene	21.71	228	1562195	40.727	ng		96
82) 3,3'-Dichlorobenzidine	21.62	252	636885	41.355	ng	#	98
83) Chrysene	21.78	228	1491121	40.554	ng		95
84) Bis(2-ethylhexyl)phthalate	21.63	149	849440	41.813	ng		99
85) Di-n-octyl phthalate	22.86	149	1470597	43.014	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1948783	40.038	ng	#	90
88) Benzo(b)fluoranthene	23.97	252	1702949	40.473	ng	#	96
89) Benzo(k)fluoranthene	24.04	252	1589022	38.770	ng	#	95
90) Benzo(a)pyrene	24.85	252	1610759	39.916	ng	#	95
91) Dibenzo(a,h)anthracene	28.82	278	1580097	39.878	ng	#	96
92) Benzo(g,h,i)perylene	29.91	276	1559988	39.406	ng	#	94

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

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