Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041854.D
Acq On : 1 Aug 2019 9:07
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 01 14:10:30 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	8.04	152	86637	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	365716	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	262666	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	614884	20.00	ng		0.00
76) Chrysene-d12	21.73	240	605448	20.00	ng		0.00
87) Perylene-d12	25.01	264	723969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	354272	79.56	ng		0.00
7) Phenol-d6	7.19	99	483342	80.51	ng		0.00
23) Nitrobenzene-d5	9.21	82	454279	85.48	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	268589	90.02	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1226546	82.36	ng		0.00
79) Terphenyl-d14	20.06	244	2049006	77.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	80758	38.532	ng		90
3) Pyridine	3.87	79	217195	37.790	ng		92
4) n-Nitrosodimethylamine	3.78	42	87631	38.462	ng		97
6) Aniline	7.36	93	326380	38.610	ng		95
8) 2-Chlorophenol	7.60	128	205868	40.374	ng		92
9) Benzaldehyde	7.17	77	159410	37.738	ng		94
10) Phenol	7.22	94	248169	39.736	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	198581	38.677	ng		94
12) 1,3-Dichlorobenzene	7.93	146	259249	38.956	ng		97
13) 1,4-Dichlorobenzene	8.08	146	264033	39.650	ng		98
14) 1,2-Dichlorobenzene	8.40	146	248530	39.113	ng		97
15) Benzyl Alcohol	8.27	79	186199	39.424	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.57	45	348691	38.172	ng		96
17) 2-Methylphenol	8.48	107	178977	39.404	ng		98
18) Hexachloroethane	9.14	117	91760	40.239	ng		89
19) n-Nitroso-di-n-propylamine	8.85	70	164684	37.785	ng		91
20) 3+4-Methylphenols	8.81	107	248956	40.053	ng		99
22) Acetophenone	8.87	105	317792	38.849	ng	#	92
24) Nitrobenzene	9.25	77	234678	41.916	ng		99
25) Isophorone	9.78	82	451355	39.042	ng		100
26) 2-Nitrophenol	9.96	139	123703	47.607	ng		94
27) 2,4-Dimethylphenol	10.02	122	188789	41.166	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	282507	39.105	ng		100
29) 2,4-Dichlorophenol	10.50	162	236072	42.270	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	288337	40.714	ng		95
31) Naphthalene	10.92	128	668975	39.968	ng		98
32) Benzoic acid	10.16	122	126152	40.232	ng		94
33) 4-Chloroaniline	11.02	127	313091	39.444	ng		96
34) Hexachlorobutadiene	11.21	225	195628	40.928	ng		98
35) Caprolactam	11.79	113	79831	41.131	ng		87
36) 4-Chloro-3-methylphenol	12.14	107	230320	41.597	ng		97
37) 2-Methylnaphthalene	12.53	142	534478	40.342	ng		99
38) 1-Methylnaphthalene	12.74	142	503624	40.112	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	337843	40.633	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	206781	44.235	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	225638	42.937	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	237874	43.559	ng		93
46) 1,1'-Biphenyl	13.53	154	689320	40.825	ng		96
47) 2-Chloronaphthalene	13.57	162	585392	40.721	ng		98
48) 2-Nitroaniline	13.77	65	164510	45.121	ng		89
49) Acenaphthylene	14.42	152	873910	40.640	ng		98
50) Dimethylphthalate	14.15	163	764676	42.627	ng		99
51) 2,6-Dinitrotoluene	14.27	165	173446	46.239	ng		86
52) Acenaphthene	14.76	154	575216	41.128	ng		98
53) 3-Nitroaniline	14.59	138	182392	45.451	ng	#	91
54) 2,4-Dinitrophenol	14.79	184	90891	47.576	ng		95
55) Dibenzofuran	15.10	168	879314	41.104	ng		97
56) 4-Nitrophenol	14.89	139	141192	46.351	ng		92
57) 2,4-Dinitrotoluene	15.05	165	249524	48.371	ng		89
58) Fluorene	15.75	166	712601	41.509	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	236085	43.649	ng		93
60) Diethylphthalate	15.52	149	752627	42.734	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	437958	41.788	ng		94
62) 4-Nitroaniline	15.76	138	193759	44.577	ng		100
63) Azobenzene	16.03	77	586061	40.736	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	136586	45.759	ng		88
66) n-Nitrosodiphenylamine	15.95	169	664429	39.670	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	298004	39.345	ng		96
68) Hexachlorobenzene	16.76	284	312515	39.439	ng	#	92
69) Atrazine	16.90	200	269118	40.895	ng		99
70) Pentachlorophenol	17.10	266	194103	43.120	ng		99
71) Phenanthrene	17.50	178	1193339	40.489	ng		96
72) Anthracene	17.58	178	1198324	40.767	ng		95
73) Carbazole	17.85	167	1073895	40.704	ng		95
74) Di-n-butylphthalate	18.41	149	1284763	42.954	ng		96
75) Fluoranthene	19.50	202	1484152	41.428	ng		93
77) Benzidine	19.68	184	762676	38.593	ng		99
78) Pyrene	19.86	202	1484385	41.380	ng		94
80) Butylbenzylphthalate	20.75	149	597209	43.423	ng		90
81) Benzo(a)anthracene	21.72	228	1479459	41.301	ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	602497	41.892	ng		98
83) Chrysene	21.78	228	1417958	41.295	ng		94
84) Bis(2-ethylhexyl)phthalate	21.63	149	817991	43.117	ng		97
85) Di-n-octyl phthalate	22.87	149	1393178	43.635	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1848837	40.674	ng	#	90
88) Benzo(b)fluoranthene	23.97	252	1579963	39.894	ng	#	96
89) Benzo(k)fluoranthene	24.04	252	1546483	40.087	ng	#	96
90) Benzo(a)pyrene	24.85	252	1523542	40.111	ng	#	95
91) Dibenzo(a,h)anthracene	28.82	278	1488027	39.898	ng	#	97
92) Benzo(g,h,i)perylene	29.91	276	1473631	39.548	ng	#	94

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

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