Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
Data File : BG045996.D
Acq On : 9 Jul 2020 16:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 09 16:41:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	164467	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	634005	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	368890	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	738820	20.00	ng		0.00
76) Chrysene-d12	21.63	240	636634	20.00	ng		0.00
86) Perylene-d12	24.78	264	656167	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	765947	75.52	ng		0.00
7) Phenol-d6	7.17	99	1122936	76.91	ng		0.00
23) Nitrobenzene-d5	9.16	82	1001521	90.92	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	270136	78.90	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1809935	76.53	ng		0.00
79) Terphenyl-d14	19.98	244	2198974	76.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	188910	40.374	ng		99
3) Pyridine	3.90	79	563580	39.835	ng		96
4) n-Nitrosodimethylamine	3.82	42	199250	41.649	ng	#	96
6) Aniline	7.33	93	709339	37.975	ng		99
8) 2-Chlorophenol	7.57	128	412155	37.752	ng		99
9) Benzaldehyde	7.14	77	333706	36.072	ng		95
10) Phenol	7.20	94	560593	38.274	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	471794	38.953	ng		97
12) 1,3-Dichlorobenzene	7.90	146	472422	37.542	ng		99
13) 1,4-Dichlorobenzene	8.04	146	468253	37.826	ng		100
14) 1,2-Dichlorobenzene	8.36	146	446923	37.512	ng		97
15) Benzyl Alcohol	8.23	79	441645	38.576	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	618455	39.136	ng		98
17) 2-Methylphenol	8.44	107	412920	37.571	ng		98
18) Hexachloroethane	9.09	117	179652	37.717	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	391873	38.203	ng		97
20) 3+4-Methylphenols	8.77	107	573937	38.317	ng		99
22) Acetophenone	8.82	105	640455	37.813	ng		99
24) Nitrobenzene	9.20	77	545666	44.882	ng		99
25) Isophorone	9.73	82	1033857	38.447	ng		99
26) 2-Nitrophenol	9.91	139	192342	48.538	ng		94
27) 2,4-Dimethylphenol	9.97	122	360334	37.647	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	586883	38.866	ng		98
29) 2,4-Dichlorophenol	10.45	162	385912	38.948	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	417930	38.068	ng		99
31) Naphthalene	10.85	128	1292856	38.039	ng		98
32) Benzoic acid	10.11	122	237938	41.693	ng		95
33) 4-Chloroaniline	10.95	127	573306	37.747	ng		99
34) Hexachlorobutadiene	11.15	225	237524	37.054	ng		99
35) Caprolactam	11.72	113	143349	38.105	ng		97
36) 4-Chloro-3-methylphenol	12.08	107	431407	38.228	ng		100
37) 2-Methylnaphthalene	12.46	142	930325	38.506	ng		99
38) 1-Methylnaphthalene	12.68	142	875626	38.402	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	407908	39.227	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	227973	36.947	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	284165	40.406	ng		97
44) 2,4,5-Trichlorophenol	13.13	196	323171	40.642	ng		99
46) 1,1'-Biphenyl	13.46	154	1089409	39.258	ng		98
47) 2-Chloronaphthalene	13.50	162	847770	38.720	ng		98
48) 2-Nitroaniline	13.70	65	299427	48.727	ng		98
49) Acenaphthylene	14.35	152	1349667	38.206	ng		99
50) Dimethylphthalate	14.09	163	1048449	37.872	ng		99
51) 2,6-Dinitrotoluene	14.19	165	226689	45.934	ng		99
52) Acenaphthene	14.69	154	867204	38.919	ng		99
53) 3-Nitroaniline	14.52	138	270511	44.739	ng	#	91
54) 2,4-Dinitrophenol	14.73	184	76503	44.256	ng		87
55) Dibenzofuran	15.03	168	1241026	37.995	ng		99
56) 4-Nitrophenol	14.82	139	210836	46.745	ng		96
57) 2,4-Dinitrotoluene	14.98	165	301740	47.527	ng		93
58) Fluorene	15.67	166	1004907	37.504	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	247010	40.234	ng		91
60) Diethylphthalate	15.45	149	1083534	37.320	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	499469	37.469	ng		99
62) 4-Nitroaniline	15.68	138	270643	47.300	ng		94
63) Azobenzene	15.97	77	1209161	38.803	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	113272	45.018	ng		99
66) n-Nitrosodiphenylamine	15.88	169	896174	39.143	ng		100
67) 4-Bromophenyl-phenylether	16.56	248	321913	39.012	ng		99
68) Hexachlorobenzene	16.68	284	318951	38.519	ng		96
69) Atrazine	16.83	200	252918	37.364	ng		96
70) Pentachlorophenol	17.02	266	187844	40.803	ng		98
71) Phenanthrene	17.41	178	1501208	38.434	ng		98
72) Anthracene	17.50	178	1512836	38.166	ng		99
73) Carbazole	17.77	167	1505734	37.897	ng		99
74) Di-n-butylphthalate	18.34	149	1785116	37.180	ng		99
75) Fluoranthene	19.42	202	1707241	37.810	ng		98
77) Benzidine	19.60	184	750986	41.256	ng		98
78) Pyrene	19.78	202	1734206	39.907	ng		99
80) Butylbenzylphthalate	20.68	149	822979	40.075	ng		99
81) Benzo(a)anthracene	21.61	228	1585023	37.864	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	587327	37.970	ng		99
83) Chrysene	21.68	228	1517368	38.049	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1146872	38.473	ng		98
85) Di-n-octyl phthalate	22.75	149	1955602	37.804	ng		99
87) Indeno(1,2,3-cd)pyrene	28.37	276	1921887	40.037	ng		98
88) Benzo(b)fluoranthene	23.79	252	1704112	40.911	ng		99
89) Benzo(k)fluoranthene	23.85	252	1562386	39.668	ng		100
90) Benzo(a)pyrene	24.64	252	1575264	40.217	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	1538321	39.732	ng		100
92) Benzo(g,h,i)perylene	29.48	276	1529211	39.248	ng		99

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

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