Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
Data File : BG046168.D
Acq On : 5 Aug 2020 10:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 05 11:37:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	95305	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	366558	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	251594	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	570985	20.00	ng		0.00
76) Chrysene-d12	21.57	240	559144	20.00	ng		0.00
86) Perylene-d12	24.67	264	614073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	459391	83.79	ng		0.00
7) Phenol-d6	7.12	99	639759	85.62	ng		0.00
23) Nitrobenzene-d5	9.11	82	561226	82.90	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	339174	87.77	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1370933	79.15	ng		0.00
79) Terphenyl-d14	19.94	244	2118381	77.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	96769	38.779	ng		96
3) Pyridine	3.84	79	275083	40.044	ng		99
4) n-Nitrosodimethylamine	3.76	42	113714	38.894	ng		95
6) Aniline	7.28	93	370948	41.707	ng		99
8) 2-Chlorophenol	7.52	128	249180	41.121	ng		98
9) Benzaldehyde	7.09	77	181987	41.046	ng		96
10) Phenol	7.15	94	317785	42.330	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	246822	41.334	ng		98
12) 1,3-Dichlorobenzene	7.84	146	304055	41.397	ng		98
13) 1,4-Dichlorobenzene	7.99	146	305790	41.461	ng		99
14) 1,2-Dichlorobenzene	8.31	146	289339	41.597	ng		99
15) Benzyl Alcohol	8.19	79	228104	44.190	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	399031	40.759	ng		99
17) 2-Methylphenol	8.39	107	223429	44.084	ng		97
18) Hexachloroethane	9.04	117	104461	42.349	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	207906	42.754	ng		99
20) 3+4-Methylphenols	8.72	107	308641	44.492	ng		98
22) Acetophenone	8.77	105	386413	41.076	ng	#	96
24) Nitrobenzene	9.15	77	293251	40.627	ng		95
25) Isophorone	9.67	82	572685	42.511	ng		99
26) 2-Nitrophenol	9.86	139	149437	45.680	ng		98
27) 2,4-Dimethylphenol	9.92	122	229095	43.043	ng		99
28) bis(2-Chloroethoxy)methane	10.15	93	308320	42.091	ng		99
29) 2,4-Dichlorophenol	10.39	162	281163	44.908	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	317299	43.261	ng		100
31) Naphthalene	10.80	128	810639	41.796	ng		99
32) Benzoic acid	10.07	122	160756	42.439	ng		96
33) 4-Chloroaniline	10.90	127	339382	42.821	ng		98
34) Hexachlorobutadiene	11.10	225	209411	42.890	ng		99
35) Caprolactam	11.67	113	90254	44.043	ng		97
36) 4-Chloro-3-methylphenol	12.03	107	276917	45.070	ng		96
37) 2-Methylnaphthalene	12.40	142	636994	42.683	ng		99
38) 1-Methylnaphthalene	12.62	142	594080	42.067	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	373083	41.156	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	199180	38.307 ng		98
43) 2,4,6-Trichlorophenol	13.01	196	252706	43.695 ng		96
44) 2,4,5-Trichlorophenol	13.09	196	269587	42.722 ng		97
46) 1,1'-Biphenyl	13.41	154	786180	39.833 ng		99
47) 2-Chloronaphthalene	13.46	162	635900	40.392 ng		97
48) 2-Nitroaniline	13.65	65	169922	41.177 ng		94
49) Acenaphthylene	14.30	152	991382	40.553 ng		99
50) Dimethylphthalate	14.04	163	783764	40.588 ng		99
51) 2,6-Dinitrotoluene	14.15	165	190690	42.431 ng		91
52) Acenaphthene	14.64	154	656096	40.665 ng		98
53) 3-Nitroaniline	14.47	138	184911	41.503 ng		95
54) 2,4-Dinitrophenol	14.68	184	96155	37.854 ng		93
55) Dibenzofuran	14.98	168	995032	40.871 ng		99
56) 4-Nitrophenol	14.78	139	154603	39.968 ng		99
57) 2,4-Dinitrotoluene	14.93	165	264119	42.745 ng		94
58) Fluorene	15.62	166	791583	40.149 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	260071	43.755 ng		97
60) Diethylphthalate	15.40	149	758861	39.949 ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	429870	41.746 ng		96
62) 4-Nitroaniline	15.64	138	191883	42.822 ng		98
63) Azobenzene	15.91	77	690428	38.782 ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	157711	41.764 ng		88
66) n-Nitrosodiphenylamine	15.84	169	703785	40.719 ng		98
67) 4-Bromophenyl-phenylether	16.51	248	301523	42.745 ng		96
68) Hexachlorobenzene	16.63	284	329636	41.674 ng		97
69) Atrazine	16.78	200	274805	41.290 ng		99
70) Pentachlorophenol	16.98	266	221055	43.072 ng		99
71) Phenanthrene	17.36	178	1236950	39.548 ng		99
72) Anthracene	17.45	178	1242311	39.932 ng		98
73) Carbazole	17.72	167	1198879	39.964 ng		98
74) Di-n-butylphthalate	18.29	149	1267370	40.417 ng		100
75) Fluoranthene	19.37	202	1518789	38.895 ng		100
77) Benzidine	19.55	184	670660	42.345 ng		99
78) Pyrene	19.73	202	1507496	40.126 ng		99
80) Butylbenzylphthalate	20.62	149	580644	42.665 ng		98
81) Benzo(a)anthracene	21.55	228	1516883	40.538 ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	670952	43.180 ng		98
83) Chrysene	21.61	228	1491350	40.686 ng		100
84) Bis(2-ethylhexyl)phthalate	21.48	149	794121	40.815 ng		99
85) Di-n-octyl phthalate	22.66	149	1396181	42.381 ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1933039	41.275 ng	#	95
88) Benzo(b)fluoranthene	23.70	252	1684510	40.936 ng		99
89) Benzo(k)fluoranthene	23.76	252	1636283	40.540 ng		99
90) Benzo(a)pyrene	24.53	252	1580699	41.281 ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1619381	41.363 ng		98
92) Benzo(g,h,i)perylene	29.28	276	1620420	40.983 ng		99

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

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