Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
Data File : BG044706.D
Acq On : 9 Mar 2020 17:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 09 18:51:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 17:42:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	92809	20.00	ng		0.01
21) Naphthalene-d8	10.87	136	374599	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	259379	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	568445	20.00	ng		0.00
76) Chrysene-d12	21.72	240	488327	20.00	ng		0.00
87) Perylene-d12	24.94	264	582008	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	465684	75.36	ng		0.00
7) Phenol-d6	7.22	99	673194	72.07	ng		0.01
23) Nitrobenzene-d5	9.22	82	656125	79.75	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	252309	70.81	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1406411	75.53	ng		0.00
79) Terphenyl-d14	20.06	244	2070033	75.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	114697	38.721	ng		96
3) Pyridine	3.92	79	332145	36.165	ng		98
4) n-Nitrosodimethylamine	3.83	42	135625	34.911	ng	#	79
6) Aniline	7.38	93	422989	36.148	ng		98
8) 2-Chlorophenol	7.63	128	238141	38.022	ng		95
9) Benzaldehyde	7.20	77	197850	32.957	ng		93
10) Phenol	7.24	94	345583	37.557	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	274967	38.891	ng		97
12) 1,3-Dichlorobenzene	7.96	146	291627	39.151	ng		97
13) 1,4-Dichlorobenzene	8.10	146	290980	39.101	ng		98
14) 1,2-Dichlorobenzene	8.42	146	270454	38.447	ng		98
15) Benzyl Alcohol	8.29	79	283230	35.147	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	487887	36.525	ng		100
17) 2-Methylphenol	8.50	107	234260	37.156	ng		92
18) Hexachloroethane	9.16	117	112771	37.782	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	242682	34.777	ng		99
20) 3+4-Methylphenols	8.83	107	319180	36.340	ng		99
22) Acetophenone	8.89	105	434053	39.692	ng	#	95
24) Nitrobenzene	9.26	77	347589	39.847	ng		98
25) Isophorone	9.79	82	649450	35.795	ng		97
26) 2-Nitrophenol	9.98	139	104254	36.105	ng		94
27) 2,4-Dimethylphenol	10.04	122	206130	36.212	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	392934	38.468	ng		98
29) 2,4-Dichlorophenol	10.51	162	246364	38.038	ng		94
30) 1,2,4-Trichlorobenzene	10.74	180	287939	38.273	ng		100
31) Naphthalene	10.93	128	813258	38.686	ng		97
32) Benzoic acid	10.17	122	139004	34.155	ng		95
33) 4-Chloroaniline	11.03	127	361338	37.318	ng		96
34) Hexachlorobutadiene	11.23	225	197052	38.336	ng		96
35) Caprolactam	11.79	113	93589	34.616	ng		93
36) 4-Chloro-3-methylphenol	12.14	107	293207	35.747	ng		95
37) 2-Methylnaphthalene	12.53	142	606385	38.223	ng		99
38) 1-Methylnaphthalene	12.75	142	566287	37.760	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	338453	40.195	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	174413	35.422	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	215100	36.849	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	223120	37.270	ng		95
46) 1,1'-Biphenyl	13.53	154	778070	37.716	ng		100
47) 2-Chloronaphthalene	13.58	162	607605	38.612	ng		99
48) 2-Nitroaniline	13.76	65	211802	38.403	ng		97
49) Acenaphthylene	14.42	152	953782	37.831	ng		99
50) Dimethylphthalate	14.15	163	802049	37.195	ng		99
51) 2,6-Dinitrotoluene	14.26	165	156505	40.391	ng		94
52) Acenaphthene	14.76	154	620799	38.082	ng		99
53) 3-Nitroaniline	14.59	138	183955	41.196	ng		99
54) 2,4-Dinitrophenol	14.79	184	64355	35.287	ng	#	79
55) Dibenzofuran	15.10	168	919155	37.629	ng		99
56) 4-Nitrophenol	14.89	139	140073	40.316	ng		90
57) 2,4-Dinitrotoluene	15.04	165	216773	40.176	ng		96
58) Fluorene	15.74	166	744719	36.861	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	204979	35.976	ng		93
60) Diethylphthalate	15.52	149	845981	36.695	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	403610	36.816	ng		99
62) 4-Nitroaniline	15.75	138	196560	39.965	ng		95
63) Azobenzene	16.03	77	874344	36.240	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	87198	37.020	ng		97
66) n-Nitrosodiphenylamine	15.95	169	667019	38.378	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	272925	38.069	ng		99
68) Hexachlorobenzene	16.75	284	300010	38.755	ng		99
69) Atrazine	16.90	200	257781	38.380	ng		97
70) Pentachlorophenol	17.09	266	156117	35.540	ng		96
71) Phenanthrene	17.48	178	1218555	39.095	ng		99
72) Anthracene	17.58	178	1188422	38.711	ng		98
73) Carbazole	17.84	167	1137120	38.676	ng		99
74) Di-n-butylphthalate	18.42	149	1403285	37.897	ng		99
75) Fluoranthene	19.49	202	1428368	37.917	ng		100
77) Benzidine	19.66	184	625515	32.088	ng		96
78) Pyrene	19.85	202	1454613	39.053	ng		98
80) Butylbenzylphthalate	20.75	149	632453	38.041	ng		97
81) Benzo(a)anthracene	21.70	228	1407053	38.422	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	540875	37.096	ng		99
83) Chrysene	21.76	228	1340351	38.453	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	886353	38.230	ng		99
85) Di-n-octyl phthalate	22.86	149	1477593	37.112	ng		99
86) Indeno(1,2,3-cd)pyrene	28.62	276	1733061	37.647	ng		98
88) Benzo(b)fluoranthene	23.92	252	1519203	38.353	ng	#	97
89) Benzo(k)fluoranthene	23.99	252	1427444	38.445	ng		98
90) Benzo(a)pyrene	24.79	252	1398259	37.901	ng	#	98
91) Dibenzo(a,h)anthracene	28.68	278	1380302	37.521	ng	#	94
92) Benzo(g,h,i)perylene	29.76	276	1397865	37.935	ng		98

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

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