Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
Data File : BG046205.D
Acq On : 10 Aug 2020 13:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 10 14:52:16 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	7.95	152	91950	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	348633	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	229003	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	543450	20.00	ng	0.00
76) Chrysene-d12	21.57	240	597890	20.00	ng	0.00
86) Perylene-d12	24.68	264	657253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	440676	83.31	ng	0.00
7) Phenol-d6	7.12	99	605639	84.01	ng	0.00
23) Nitrobenzene-d5	9.11	82	509396	79.11	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	330105	93.85	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1297726	82.32	ng	0.00
79) Terphenyl-d14	19.94	244	2197094	74.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	97191	40.369	ng	95
3) Pyridine	3.84	79	269727	40.697	ng	94
4) n-Nitrosodimethylamine	3.75	42	106464	37.743	ng	93
6) Aniline	7.27	93	350024	40.790	ng	98
8) 2-Chlorophenol	7.52	128	240727	41.176	ng	95
9) Benzaldehyde	7.09	77	162352	37.954	ng	97
10) Phenol	7.14	94	297041	41.011	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	227246	39.444	ng	99
12) 1,3-Dichlorobenzene	7.84	146	292587	41.289	ng	98
13) 1,4-Dichlorobenzene	7.98	146	293214	41.206	ng	98
14) 1,2-Dichlorobenzene	8.31	146	277589	41.364	ng	98
15) Benzyl Alcohol	8.18	79	210852	42.338	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	350253	37.082	ng	98
17) 2-Methylphenol	8.39	107	206085	42.146	ng	98
18) Hexachloroethane	9.04	117	95413	40.093	ng	97
19) n-Nitroso-di-n-propylamine	8.75	70	188069	40.086	ng	98
20) 3+4-Methylphenols	8.72	107	284331	42.483	ng	98
22) Acetophenone	8.77	105	356149	39.806	ng	98
24) Nitrobenzene	9.15	77	269336	39.232	ng	95
25) Isophorone	9.67	82	519609	40.554	ng	100
26) 2-Nitrophenol	9.86	139	140171	45.051	ng	98
27) 2,4-Dimethylphenol	9.92	122	212188	41.917	ng	96
28) bis(2-Chloroethoxy)methane	10.15	93	281171	40.358	ng	100
29) 2,4-Dichlorophenol	10.39	162	258737	43.451	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	287060	41.151	ng	97
31) Naphthalene	10.80	128	753826	40.865	ng	100
32) Benzoic acid	10.06	122	146066	40.964	ng	98
33) 4-Chloroaniline	10.90	127	317368	42.102	ng	98
34) Hexachlorobutadiene	11.10	225	195015	41.995	ng	99
35) Caprolactam	11.67	113	84238	43.220	ng	96
36) 4-Chloro-3-methylphenol	12.03	107	245344	41.985	ng	94
37) 2-Methylnaphthalene	12.40	142	590857	41.627	ng	100
38) 1-Methylnaphthalene	12.63	142	553176	41.184	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	344633	41.768	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	194640	41.126	ng		97
43) 2,4,6-Trichlorophenol	13.01	196	226756	43.076	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	246053	42.839	ng		96
46) 1,1'-Biphenyl	13.41	154	734130	40.866	ng		97
47) 2-Chloronaphthalene	13.45	162	580756	40.528	ng		98
48) 2-Nitroaniline	13.65	65	155376	41.366	ng		93
49) Acenaphthylene	14.30	152	913554	41.056	ng		99
50) Dimethylphthalate	14.04	163	725236	41.262	ng		99
51) 2,6-Dinitrotoluene	14.15	165	174530	42.667	ng		89
52) Acenaphthene	14.64	154	612396	41.701	ng		99
53) 3-Nitroaniline	14.48	138	175707	43.327	ng		95
54) 2,4-Dinitrophenol	14.68	184	99072	41.918	ng		96
55) Dibenzofuran	14.98	168	923335	41.668	ng		99
56) 4-Nitrophenol	14.78	139	151147	42.929	ng		96
57) 2,4-Dinitrotoluene	14.94	165	246123	43.762	ng		92
58) Fluorene	15.63	166	745649	41.550	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	238428	44.071	ng		97
60) Diethylphthalate	15.40	149	716647	41.448	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	395429	42.189	ng		95
62) 4-Nitroaniline	15.64	138	181432	44.484	ng		95
63) Azobenzene	15.91	77	636168	39.259	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	158221	44.022	ng		89
66) n-Nitrosodiphenylamine	15.83	169	672164	40.860	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	285024	42.453	ng		95
68) Hexachlorobenzene	16.63	284	319926	42.496	ng		96
69) Atrazine	16.78	200	263790	41.644	ng		99
70) Pentachlorophenol	16.97	266	216011	44.222	ng		98
71) Phenanthrene	17.36	178	1219374	40.961	ng		99
72) Anthracene	17.46	178	1216364	41.079	ng		99
73) Carbazole	17.72	167	1201815	42.091	ng		100
74) Di-n-butylphthalate	18.29	149	1255283	42.059	ng		100
75) Fluoranthene	19.37	202	1559712	41.967	ng		99
77) Benzidine	19.55	184	695550	41.070	ng		99
78) Pyrene	19.73	202	1583759	39.424	ng		99
80) Butylbenzylphthalate	20.62	149	608940	41.845	ng		97
81) Benzo(a)anthracene	21.55	228	1599657	39.980	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	686054	41.291	ng		97
83) Chrysene	21.62	228	1575645	40.200	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	827191	39.759	ng		99
85) Di-n-octyl phthalate	22.66	149	1459357	41.428	ng		98
87) Indeno(1,2,3-cd)pyrene	28.19	276	2045479	40.807	ng	#	96
88) Benzo(b)fluoranthene	23.70	252	1772333	40.240	ng		99
89) Benzo(k)fluoranthene	23.76	252	1735823	40.181	ng		99
90) Benzo(a)pyrene	24.53	252	1666111	40.653	ng		100
91) Dibenzo(a,h)anthracene	28.26	278	1710339	40.816	ng		98
92) Benzo(g,h,i)perylene	29.29	276	1714478	40.513	ng		99

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

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