Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045771.D
Acq On : 16 Jun 2020 10:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 16 13:34:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47413	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	178512	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	129386	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	302220	20.00	ng		0.00
76) Chrysene-d12	21.57	240	282008	20.00	ng		0.00
86) Perylene-d12	24.71	264	321342	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	239102	85.19	ng		0.00
7) Phenol-d6	7.16	99	365721	85.66	ng		0.00
23) Nitrobenzene-d5	9.09	82	337409	86.35	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	161173	82.51	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	759034	86.21	ng		0.00
79) Terphenyl-d14	19.94	244	1235426	88.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	53132	41.331	ng		98
3) Pyridine	3.77	79	157965	41.467	ng		98
4) n-Nitrosodimethylamine	3.69	42	56665	44.315	ng	#	98
6) Aniline	7.25	93	213559	42.482	ng		99
8) 2-Chlorophenol	7.51	128	126266	42.028	ng		97
9) Benzaldehyde	7.05	77	105746	41.238	ng		97
10) Phenol	7.19	94	170976	41.331	ng		93
11) bis(2-Chloroethyl)ether	7.34	93	130843	41.642	ng		98
12) 1,3-Dichlorobenzene	7.81	146	149776	41.834	ng		100
13) 1,4-Dichlorobenzene	7.95	146	149630	41.841	ng		98
14) 1,2-Dichlorobenzene	8.27	146	143839	42.014	ng		94
15) Benzyl Alcohol	8.18	79	141523	42.836	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	123120	41.576	ng		92
17) 2-Methylphenol	8.42	107	131176	42.609	ng		95
18) Hexachloroethane	9.00	117	56062	41.276	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	122522	43.651	ng		98
20) 3+4-Methylphenols	8.76	107	169404	41.841	ng		93
22) Acetophenone	8.74	105	211429	43.152	ng		97
24) Nitrobenzene	9.13	77	182701	43.851	ng		98
25) Isophorone	9.65	82	324897	42.949	ng		99
26) 2-Nitrophenol	9.84	139	76599	44.129	ng		99
27) 2,4-Dimethylphenol	9.94	122	117379	44.292	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	171063	43.291	ng		98
29) 2,4-Dichlorophenol	10.41	162	135197	43.726	ng		96
30) 1,2,4-Trichlorobenzene	10.59	180	160936	43.968	ng		98
31) Naphthalene	10.78	128	426360	43.687	ng		99
32) Benzoic acid	10.14	122	64928	39.689	ng		94
33) 4-Chloroaniline	10.90	127	178736	43.733	ng		97
34) Hexachlorobutadiene	11.07	225	114562	44.008	ng		99
35) Caprolactam	11.67	113	42988	42.965	ng		97
36) 4-Chloro-3-methylphenol	12.08	107	152290	42.659	ng		96
37) 2-Methylnaphthalene	12.39	142	321195	44.197	ng		98
38) 1-Methylnaphthalene	12.60	142	300201	43.652	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	183355	43.037	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	84642	40.601	ng		96
43) 2,4,6-Trichlorophenol	13.02	196	123388	42.716	ng		95
44) 2,4,5-Trichlorophenol	13.12	196	137145	41.659	ng		97
46) 1,1'-Biphenyl	13.40	154	393654	42.496	ng		100
47) 2-Chloronaphthalene	13.44	162	322118	43.048	ng		98
48) 2-Nitroaniline	13.66	65	106835	42.922	ng		99
49) Acenaphthylene	14.29	152	516668	43.108	ng		99
50) Dimethylphthalate	14.03	163	429937	42.417	ng		99
51) 2,6-Dinitrotoluene	14.15	165	95785	42.074	ng		96
52) Acenaphthene	14.63	154	310292	42.711	ng		97
53) 3-Nitroaniline	14.50	138	96352	42.372	ng		95
54) 2,4-Dinitrophenol	14.70	184	42663	39.380	ng	#	90
55) Dibenzofuran	14.97	168	509044	43.132	ng		99
56) 4-Nitrophenol	14.88	139	64691	41.708	ng		95
57) 2,4-Dinitrotoluene	14.94	165	139397	42.736	ng		97
58) Fluorene	15.62	166	415312	42.320	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	117366	41.075	ng		96
60) Diethylphthalate	15.39	149	446959	43.135	ng		99
61) 4-Chlorophenyl-phenylether	15.61	204	245570	43.416	ng		98
62) 4-Nitroaniline	15.66	138	94929	40.676	ng		95
63) Azobenzene	15.91	77	425638	42.781	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	80869	43.298	ng		97
66) n-Nitrosodiphenylamine	15.83	169	368051	42.996	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	169365	43.129	ng		95
68) Hexachlorobenzene	16.63	284	176553	43.357	ng		96
69) Atrazine	16.79	200	138103	41.576	ng		99
70) Pentachlorophenol	16.99	266	75413	41.602	ng		94
71) Phenanthrene	17.36	178	670351	43.008	ng		98
72) Anthracene	17.45	178	668975	43.101	ng		99
73) Carbazole	17.73	167	634597	42.940	ng		99
74) Di-n-butylphthalate	18.28	149	759815	43.421	ng		100
75) Fluoranthene	19.38	202	825871	43.089	ng		99
77) Benzidine	19.56	184	318892	43.497	ng		99
78) Pyrene	19.74	202	828435	43.869	ng		98
80) Butylbenzylphthalate	20.62	149	343110	43.407	ng		94
81) Benzo(a)anthracene	21.56	228	790655	43.244	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	300464	43.445	ng		99
83) Chrysene	21.62	228	758728	42.904	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	477704	43.448	ng		97
85) Di-n-octyl phthalate	22.65	149	833839	43.967	ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	988324	42.425	ng	#	95
88) Benzo(b)fluoranthene	23.71	252	861184	42.743	ng		99
89) Benzo(k)fluoranthene	23.78	252	810583	42.036	ng		98
90) Benzo(a)pyrene	24.56	252	801937	42.609	ng		100
91) Dibenzo(a,h)anthracene	28.31	278	812176	43.476	ng		99
92) Benzo(g,h,i)perylene	29.36	276	794045	42.466	ng		98

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

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