Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056551.D
Acq On : 6 Feb 2023 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Feb 07 04:31:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:30:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.275	152	35728	20.000	ng		0.00
21) Naphthalene-d8	11.107	136	142187	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	115309	20.000	ng		0.00
64) Phenanthrene-d10	17.641	188	286156	20.000	ng		0.00
76) Chrysene-d12	21.930	240	248645	20.000	ng		0.00
86) Perylene-d12	25.361	264	275738	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	160561	82.670	ng		0.00
7) Phenol-d6	7.417	99	240252	83.488	ng		0.00
23) Nitrobenzene-d5	9.450	82	203305	81.194	ng		0.00
42) 2,4,6-Tribromophenol	16.383	330	116739	76.152	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	660516	79.418	ng		0.00
79) Terphenyl-d14	20.214	244	1119192	79.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.586	88	33522	41.451	ng		95
3) Pyridine	4.015	79	104276	43.255	ng		100
4) n-Nitrosodimethylamine	3.921	42	19995	39.002	ng		95
6) Aniline	7.588	93	155586	41.295	ng		96
8) 2-Chlorophenol	7.834	128	86584	40.581	ng		97
9) Benzaldehyde	7.400	77	55680	43.572	ng		93
10) Phenol	7.447	94	121407	41.510	ng		99
11) bis(2-Chloroethyl)ether	7.676	93	85098	42.330	ng		96
12) 1,3-Dichlorobenzene	8.158	146	98066	39.920	ng		98
13) 1,4-Dichlorobenzene	8.310	146	99594	40.033	ng		99
14) 1,2-Dichlorobenzene	8.633	146	96787	40.099	ng		99
15) Benzyl Alcohol	8.510	79	82869	41.972	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.792	45	21542	50.573	ng		92
17) 2-Methylphenol	8.716	107	93819	42.164	ng		95
18) Hexachloroethane	9.368	117	30766	40.888	ng		94
19) n-Nitroso-di-n-propyla...	9.074	70	69224	41.742	ng		99
20) 3+4-Methylphenols	9.045	107	130675	41.906	ng		98
22) Acetophenone	9.104	105	155117	41.059	ng	#	98
24) Nitrobenzene	9.491	77	100930	41.789	ng		98
25) Isophorone	10.014	82	209515	40.559	ng		99
26) 2-Nitrophenol	10.208	139	59705	40.743	ng		97
27) 2,4-Dimethylphenol	10.255	122	101088	41.219	ng		98
28) bis(2-Chloroethoxy)met...	10.490	93	119553	41.894	ng		98
29) 2,4-Dichlorophenol	10.755	162	111514	40.396	ng		95
30) 1,2,4-Trichlorobenzene	10.966	180	121039	39.456	ng		100
31) Naphthalene	11.160	128	308648	41.127	ng		99
32) Benzoic acid	10.408	122	54989	40.077	ng		97
33) 4-Chloroaniline	11.260	127	144173	41.156	ng		99
34) Hexachlorobutadiene	11.430	225	85403	39.661	ng		98
35) Caprolactam	12.041	113	37030	39.774	ng		87
36) 4-Chloro-3-methylphenol	12.370	107	109850	41.205	ng		97
37) 2-Methylnaphthalene	12.746	142	246196	39.792	ng		98
38) 1-Methylnaphthalene	12.964	142	229017	39.634	ng		97
40) 1,2,4,5-Tetrachloroben...	13.105	216	165857	39.371	ng		100
41) Hexachlorocyclopentadiene	13.081	237	76118	37.742	ng		98
43) 2,4,6-Trichlorophenol	13.346	196	108278	39.886	ng		99

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44) 2,4,5-Trichlorophenol	13.422	196	126653	39.848	ng		99
46) 1,1'-Biphenyl	13.733	154	335250	40.084	ng		98
47) 2-Chloronaphthalene	13.786	162	263360	40.286	ng		99
48) 2-Nitroaniline	13.980	65	55966	41.413	ng		97
49) Acenaphthylene	14.626	152	424377	39.900	ng		99
50) Dimethylphthalate	14.339	163	367748	39.421	ng		99
51) 2,6-Dinitrotoluene	14.468	165	80636	39.636	ng		99
52) Acenaphthene	14.961	154	251133	39.816	ng		99
53) 3-Nitroaniline	14.803	138	81208	41.174	ng		99
54) 2,4-Dinitrophenol	15.014	184	48562	38.076	ng		97
55) Dibenzofuran	15.290	168	447881	39.596	ng		98
56) 4-Nitrophenol	15.108	139	51087	37.908	ng		94
57) 2,4-Dinitrotoluene	15.255	165	113140	39.482	ng		99
58) Fluorene	15.937	166	352057	39.115	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.520	232	110397	39.064	ng		100
60) Diethylphthalate	15.684	149	344636	39.342	ng		100
61) 4-Chlorophenyl-phenyle...	15.919	204	217430	39.589	ng		96
62) 4-Nitroaniline	15.960	138	81280	41.185	ng		93
63) Azobenzene	16.213	77	246112	40.831	ng		97
65) 4,6-Dinitro-2-methylph...	16.025	198	78144	38.842	ng		98
66) n-Nitrosodiphenylamine	16.136	169	322121	39.759	ng		99
67) 4-Bromophenyl-phenylether	16.812	248	143216	39.095	ng		94
68) Hexachlorobenzene	16.947	284	140380	39.126	ng		98
69) Atrazine	17.071	200	128671	41.166	ng		97
70) Pentachlorophenol	17.288	266	77036	35.484	ng		100
71) Phenanthrene	17.682	178	591381	39.486	ng		98
72) Anthracene	17.770	178	606346	39.439	ng		98
73) Carbazole	18.040	167	514773	39.313	ng		98
74) Di-n-butylphthalate	18.563	149	546136	39.723	ng		99
75) Fluoranthene	19.674	202	712024	37.668	ng		99
77) Benzidine	19.838	184	275290	40.913	ng		99
78) Pyrene	20.032	202	721272	40.786	ng		99
80) Butylbenzylphthalate	20.890	149	221660	41.042	ng		99
81) Benzo(a)anthracene	21.912	228	694213	39.936	ng		99
82) 3,3'-Dichlorobenzidine	21.812	252	242567	38.749	ng		98
83) Chrysene	21.983	228	652079	39.929	ng		99
84) Bis(2-ethylhexyl)phtha...	21.765	149	312581	40.368	ng		99
85) Di-n-octyl phthalate	23.034	149	528416	40.978	ng		99
87) Indeno(1,2,3-cd)pyrene	29.321	276	801992	39.733	ng	#	95
88) Benzo(b)fluoranthene	24.262	252	670729	39.190	ng		100
89) Benzo(k)fluoranthene	24.339	252	687393	39.780	ng		100
90) Benzo(a)pyrene	25.196	252	665911	39.499	ng		98
91) Dibenzo(a,h)anthracene	29.374	278	676900	39.952	ng		99
92) Benzo(g,h,i)perylene	30.567	276	651493	39.852	ng		96

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

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