Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
Data File : BG057591.D
Acq On : 26 May 2023 19:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: May 26 23:36:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 23:28:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	15160	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	64994	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	52637	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	142473	20.000	ng	0.00
76) Chrysene-d12	22.018	240	129660	20.000	ng	0.00
86) Perylene-d12	25.525	264	139862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	71403	81.826	ng	0.00
7) Phenol-d6	7.497	99	114592	83.911	ng	0.00
23) Nitrobenzene-d5	9.529	82	113272	81.469	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	68086	80.792	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	290953	79.437	ng	0.00
79) Terphenyl-d14	20.279	244	607266	81.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.655	88	13947	38.576	ng	100
3) Pyridine	4.084	79	45387	41.045	ng	100
4) n-Nitrosodimethylamine	3.996	42	18368	41.071	ng	100
6) Aniline	7.661	93	68440	41.427	ng	100
8) 2-Chlorophenol	7.908	128	38557	41.157	ng	100
9) Benzaldehyde	7.473	77	36986	40.878	ng	100
10) Phenol	7.520	94	54213	41.943	ng	100
11) bis(2-Chloroethyl)ether	7.749	93	39336	40.757	ng	100
12) 1,3-Dichlorobenzene	8.237	146	40119	40.197	ng	100
13) 1,4-Dichlorobenzene	8.384	146	41362	40.734	ng	100
14) 1,2-Dichlorobenzene	8.707	146	40144	40.533	ng	100
15) Benzyl Alcohol	8.583	79	44992	42.829	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.865	45	48374	40.364	ng	100
17) 2-Methylphenol	8.789	107	38862	40.942	ng	100
18) Hexachloroethane	9.441	117	14113	40.592	ng	100
19) n-Nitroso-di-n-propyla...	9.147	70	40671	42.868	ng	100
20) 3+4-Methylphenols	9.124	107	56077	42.085	ng	100
22) Acetophenone	9.177	105	69266	39.855	ng	100
24) Nitrobenzene	9.570	77	57381	40.658	ng	100
25) Isophorone	10.087	82	111144	40.670	ng	100
26) 2-Nitrophenol	10.293	139	25447	42.052	ng	100
27) 2,4-Dimethylphenol	10.334	122	43035	41.134	ng	100
28) bis(2-Chloroethoxy)met...	10.563	93	57613	40.657	ng	100
29) 2,4-Dichlorophenol	10.833	162	45051	40.999	ng	100
30) 1,2,4-Trichlorobenzene	11.045	180	47362	39.549	ng	100
31) Naphthalene	11.239	128	138394	40.253	ng	100
32) Benzoic acid	10.481	122	22956	39.068	ng	100
33) 4-Chloroaniline	11.344	127	64586	40.849	ng	100
34) Hexachlorobutadiene	11.509	225	33225	40.112	ng	100
35) Caprolactam	12.114	113	18712	41.079	ng	100
36) 4-Chloro-3-methylphenol	12.443	107	54569	41.955	ng	100
37) 2-Methylnaphthalene	12.819	142	110078	40.793	ng	100
38) 1-Methylnaphthalene	13.030	142	104460	40.659	ng	100
40) 1,2,4,5-Tetrachloroben...	13.177	216	68680	39.752	ng	100
41) Hexachlorocyclopentadiene	13.148	237	10793	39.148	ng	100
43) 2,4,6-Trichlorophenol	13.418	196	44699	41.095	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.500	196	53217	41.080	ng	100
46) 1,1'-Biphenyl	13.800	154	150250	39.939	ng	100
47) 2-Chloronaphthalene	13.859	162	114641	40.457	ng	100
48) 2-Nitroaniline	14.058	65	40786	41.091	ng	100
49) Acenaphthylene	14.693	152	192985	40.219	ng	100
50) Dimethylphthalate	14.405	163	171613	39.558	ng	100
51) 2,6-Dinitrotoluene	14.540	165	38026	40.947	ng	100
52) Acenaphthene	15.034	154	117793	40.119	ng	100
53) 3-Nitroaniline	14.875	138	39350	40.625	ng	100
54) 2,4-Dinitrophenol	15.098	184	19145	38.595	ng	100
55) Dibenzofuran	15.363	168	200242	39.913	ng	100
56) 4-Nitrophenol	15.192	139	26362	40.848	ng	100
57) 2,4-Dinitrotoluene	15.327	165	56336	40.516	ng	100
58) Fluorene	16.009	166	168388	39.752	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	50430	41.553	ng	100
60) Diethylphthalate	15.750	149	178772	39.481	ng	100
61) 4-Chlorophenyl-phenyle...	15.985	204	93888	39.770	ng	100
62) 4-Nitroaniline	16.032	138	43131	41.279	ng	100
63) Azobenzene	16.279	77	161571	40.123	ng	100
65) 4,6-Dinitro-2-methylph...	16.097	198	35666	41.114	ng	100
66) n-Nitrosodiphenylamine	16.203	169	150129	40.542	ng	100
67) 4-Bromophenyl-phenylether	16.878	248	66039	41.322	ng	100
68) Hexachlorobenzene	17.013	284	66512	40.374	ng	100
69) Atrazine	17.137	200	62946	39.592	ng	100
70) Pentachlorophenol	17.366	266	34452	41.043	ng	100
71) Phenanthrene	17.753	178	294659	40.415	ng	100
72) Anthracene	17.842	178	304471	40.708	ng	100
73) Carbazole	18.112	167	266502	39.830	ng	100
74) Di-n-butylphthalate	18.623	149	313530	39.472	ng	100
75) Fluoranthene	19.745	202	374747	39.593	ng	100
77) Benzidine	19.909	184	154305	39.328	ng	100
78) Pyrene	20.103	202	381038	41.273	ng	100
80) Butylbenzylphthalate	20.949	149	136051	40.464	ng	100
81) Benzo(a)anthracene	22.001	228	366173	40.707	ng	100
82) 3,3'-Dichlorobenzidine	21.895	252	134938	40.679	ng	100
83) Chrysene	22.071	228	344218	40.493	ng	100
84) Bis(2-ethylhexyl)phtha...	21.836	149	193581	40.362	ng	100
85) Di-n-octyl phthalate	23.128	149	322650	40.586	ng	100
87) Indeno(1,2,3-cd)pyrene	29.579	276	394514	40.458	ng	100
88) Benzo(b)fluoranthene	24.397	252	342111	39.739	ng	100
89) Benzo(k)fluoranthene	24.474	252	354500	40.802	ng	100
90) Benzo(a)pyrene	25.355	252	339602	40.450	ng	100
91) Dibenzo(a,h)anthracene	29.626	278	330221	40.690	ng	100
92) Benzo(g,h,i)perylene	30.847	276	320577	40.504	ng	100

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

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