Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058521.D
Acq On : 28 Jul 2023 16:55
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jul 28 22:53:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	46797	20.000	ng		0.00
21) Naphthalene-d8	10.615	136	196756	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	140099	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	337258	20.000	ng		0.00
76) Chrysene-d12	21.449	240	285576	20.000	ng		0.00
86) Perylene-d12	24.516	264	365115	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	265136	86.597	ng		0.00
7) Phenol-d6	6.984	99	386408	90.699	ng		0.00
23) Nitrobenzene-d5	8.981	82	357625	89.290	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	203981	88.829	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	811324	86.785	ng		0.00
79) Terphenyl-d14	19.827	244	1330610	87.621	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.276	88	64105	43.209	ng		97
3) Pyridine	3.670	79	178719	44.184	ng		99
4) n-Nitrosodimethylamine	3.588	42	74171	43.278	ng		97
6) Aniline	7.142	93	239975	45.751	ng		97
8) 2-Chlorophenol	7.377	128	135675	45.171	ng		99
9) Benzaldehyde	6.954	77	96955	41.888	ng		98
10) Phenol	7.013	94	189012	45.417	ng		96
11) bis(2-Chloroethyl)ether	7.236	93	146409	44.624	ng		99
12) 1,3-Dichlorobenzene	7.706	146	141972	44.265	ng		98
13) 1,4-Dichlorobenzene	7.853	146	141005	43.785	ng		98
14) 1,2-Dichlorobenzene	8.170	146	135494	44.006	ng		100
15) Benzyl Alcohol	8.053	79	130889	48.445	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.347	45	236223	44.324	ng		99
17) 2-Methylphenol	8.259	107	138039	45.364	ng		99
18) Hexachloroethane	8.893	117	51479	43.979	ng		95
19) n-Nitroso-di-n-propyla...	8.623	70	129275	46.977	ng		98
20) 3+4-Methylphenols	8.593	107	192528	46.775	ng		98
22) Acetophenone	8.640	105	235873	44.772	ng	#	99
24) Nitrobenzene	9.022	77	179124	43.991	ng		98
25) Isophorone	9.539	82	375401	45.363	ng		99
26) 2-Nitrophenol	9.733	139	78617	44.355	ng		99
27) 2,4-Dimethylphenol	9.792	122	134759	45.836	ng		99
28) bis(2-Chloroethoxy)met...	10.027	93	204361	45.378	ng		100
29) 2,4-Dichlorophenol	10.268	162	139761	45.784	ng		98
30) 1,2,4-Trichlorobenzene	10.479	180	151335	42.988	ng		99
31) Naphthalene	10.668	128	459936	44.352	ng		99
32) Benzoic acid	9.945	122	95067	42.893	ng		98
33) 4-Chloroaniline	10.779	127	208507	47.589	ng		97
34) Hexachlorobutadiene	10.944	225	97320	42.927	ng		97
35) Caprolactam	11.561	113	52936	46.960	ng		94
36) 4-Chloro-3-methylphenol	11.913	107	174084	46.101	ng		99
37) 2-Methylnaphthalene	12.277	142	336401	45.350	ng		99
38) 1-Methylnaphthalene	12.501	142	316708	44.914	ng		98
40) 1,2,4,5-Tetrachloroben...	12.648	216	186378	43.332	ng		99
41) Hexachlorocyclopentadiene	12.624	237	73690	40.558	ng		98
43) 2,4,6-Trichlorophenol	12.894	196	130604	44.147	ng		99

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44) 2,4,5-Trichlorophenol	12.971	196	151504	43.479	ng	97
46) 1,1'-Biphenyl	13.294	154	423267	43.993	ng	99
47) 2-Chloronaphthalene	13.335	162	325137	43.341	ng	99
48) 2-Nitroaniline	13.546	65	130126	45.445	ng	95
49) Acenaphthylene	14.187	152	558418	44.461	ng	100
50) Dimethylphthalate	13.923	163	464087	44.107	ng	100
51) 2,6-Dinitrotoluene	14.046	165	104292	45.174	ng	98
52) Acenaphthene	14.528	154	320932	44.222	ng	98
53) 3-Nitroaniline	14.375	138	106780	46.229	ng	98
54) 2,4-Dinitrophenol	14.586	184	50124	42.395	ng	97
55) Dibenzofuran	14.863	168	550003	44.105	ng	100
56) 4-Nitrophenol	14.686	139	71625	43.434	ng	96
57) 2,4-Dinitrotoluene	14.833	165	145137	45.346	ng	96
58) Fluorene	15.509	166	432428	43.651	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	130639	43.935	ng	99
60) Diethylphthalate	15.280	149	469682	43.817	ng	100
61) 4-Chlorophenyl-phenyle...	15.503	204	242811	43.964	ng	99
62) 4-Nitroaniline	15.538	138	106250	48.559	ng	94
63) Azobenzene	15.797	77	467585	44.288	ng	99
65) 4,6-Dinitro-2-methylph...	15.597	198	85639	46.052	ng	98
66) n-Nitrosodiphenylamine	15.720	169	383865	43.731	ng	98
67) 4-Bromophenyl-phenylether	16.396	248	168540	44.060	ng	97
68) Hexachlorobenzene	16.514	284	176716	43.597	ng	99
69) Atrazine	16.666	200	133920	45.194	ng	99
70) Pentachlorophenol	16.860	266	110675	45.110	ng	99
71) Phenanthrene	17.248	178	688492	43.046	ng	99
72) Anthracene	17.342	178	712280	43.402	ng	99
73) Carbazole	17.612	167	646909	44.701	ng	99
74) Di-n-butylphthalate	18.165	149	804658	44.390	ng	100
75) Fluoranthene	19.263	202	831963	43.303	ng	100
77) Benzidine	19.451	184	234880	54.239	ng	98
78) Pyrene	19.628	202	851393	43.807	ng	100
80) Butylbenzylphthalate	20.515	149	357673	44.804	ng	100
81) Benzo(a)anthracene	21.431	228	862277	43.875	ng	100
82) 3,3'-Dichlorobenzidine	21.349	252	299292	45.041	ng	100
83) Chrysene	21.496	228	828056	43.945	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	519929	44.568	ng	100
85) Di-n-octyl phthalate	22.483	149	916612	44.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.006	276	1084224	44.637	ng	99
88) Benzo(b)fluoranthene	23.541	252	878394	44.357	ng	99
89) Benzo(k)fluoranthene	23.605	252	876454	44.056	ng	99
90) Benzo(a)pyrene	24.375	252	863651	44.409	ng	99
91) Dibenzo(a,h)anthracene	28.059	278	897225	44.673	ng	99
92) Benzo(g,h,i)perylene	29.105	276	882117	43.800	ng	99

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

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