Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
Data File : BG057203.D
Acq On : 27 Apr 2023 20:52
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 04:32:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 04:23:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.384	152	17525	20.000	ng		0.00
21) Naphthalene-d8	11.221	136	70985	20.000	ng		0.00
39) Acenaphthene-d10	14.993	164	53324	20.000	ng		0.00
64) Phenanthrene-d10	17.730	188	129952	20.000	ng		0.00
76) Chrysene-d12	22.042	240	112589	20.000	ng		0.00
86) Perylene-d12	25.555	264	119791	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.893	112	97765	95.428	ng		0.00
7) Phenol-d6	7.520	99	152753	98.188	ng		0.00
23) Nitrobenzene-d5	9.559	82	161904	95.728	ng		0.00
42) 2,4,6-Tribromophenol	16.473	330	73735	97.454	ng		0.00
45) 2-Fluorobiphenyl	13.618	172	380289	96.049	ng		0.00
79) Terphenyl-d14	20.297	244	656067	95.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.702	88	19150	45.208	ng		98
3) Pyridine	4.125	79	65352	48.006	ng		97
4) n-Nitrosodimethylamine	4.037	42	30618	47.861	ng	#	97
6) Aniline	7.697	93	94081	47.670	ng		100
8) 2-Chlorophenol	7.943	128	50919	47.036	ng		96
9) Benzaldehyde	7.509	77	40425	50.899	ng		96
10) Phenol	7.550	94	72500	47.806	ng		96
11) bis(2-Chloroethyl)ether	7.779	93	54495	47.653	ng		96
12) 1,3-Dichlorobenzene	8.272	146	55661	46.586	ng		99
13) 1,4-Dichlorobenzene	8.419	146	57248	47.701	ng		98
14) 1,2-Dichlorobenzene	8.742	146	54553	47.086	ng		97
15) Benzyl Alcohol	8.613	79	63426	48.938	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.901	45	68505	47.528	ng		98
17) 2-Methylphenol	8.819	107	53320	48.774	ng		99
18) Hexachloroethane	9.483	117	20554	47.458	ng		99
19) n-Nitroso-di-n-propyla...	9.183	70	55920	47.140	ng		97
20) 3+4-Methylphenols	9.148	107	72303	48.301	ng		96
22) Acetophenone	9.212	105	94761	46.641	ng	#	97
24) Nitrobenzene	9.606	77	80428	47.115	ng		98
25) Isophorone	10.123	82	150213	45.802	ng		99
26) 2-Nitrophenol	10.323	139	31778	48.633	ng		97
27) 2,4-Dimethylphenol	10.364	122	54729	47.833	ng		99
28) bis(2-Chloroethoxy)met...	10.593	93	76235	46.400	ng		98
29) 2,4-Dichlorophenol	10.857	162	58634	48.317	ng		97
30) 1,2,4-Trichlorobenzene	11.074	180	65751	46.976	ng		99
31) Naphthalene	11.268	128	178543	47.048	ng		99
32) Benzoic acid	10.516	122	31108	47.233	ng		92
33) 4-Chloroaniline	11.368	127	81848	48.026	ng		98
34) Hexachlorobutadiene	11.544	225	49393	47.558	ng		98
35) Caprolactam	12.150	113	19502	47.046	ng		91
36) 4-Chloro-3-methylphenol	12.461	107	66269	48.054	ng		98
37) 2-Methylnaphthalene	12.849	142	141387	47.386	ng		96
38) 1-Methylnaphthalene	13.066	142	130998	46.580	ng		99
40) 1,2,4,5-Tetrachloroben...	13.207	216	92293	48.754	ng		99
41) Hexachlorocyclopentadiene	13.178	237	41174	47.984	ng		98
43) 2,4,6-Trichlorophenol	13.442	196	56431	48.929	ng		99

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44) 2,4,5-Trichlorophenol	13.518	196	67028	49.408	ng		98
46) 1,1'-Biphenyl	13.830	154	191479	48.392	ng		100
47) 2-Chloronaphthalene	13.882	162	143104	48.635	ng		99
48) 2-Nitroaniline	14.076	65	49424	49.401	ng		97
49) Acenaphthylene	14.723	152	230524	48.224	ng		99
50) Dimethylphthalate	14.435	163	204910	46.763	ng		97
51) 2,6-Dinitrotoluene	14.558	165	43696	48.840	ng		98
52) Acenaphthene	15.057	154	144953	48.526	ng		97
53) 3-Nitroaniline	14.893	138	42449	47.360	ng		98
54) 2,4-Dinitrophenol	15.098	184	25725	48.493	ng		98
55) Dibenzofuran	15.386	168	238534	47.527	ng		99
56) 4-Nitrophenol	15.192	139	30767	51.611	ng		94
57) 2,4-Dinitrotoluene	15.345	165	61111	47.794	ng		99
58) Fluorene	16.032	166	197175	47.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.610	232	60024	48.802	ng		97
60) Diethylphthalate	15.774	149	207545	46.639	ng		99
61) 4-Chlorophenyl-phenyle...	16.015	204	119850	48.124	ng		97
62) 4-Nitroaniline	16.050	138	43362	47.955	ng		98
63) Azobenzene	16.303	77	202337	47.125	ng		97
65) 4,6-Dinitro-2-methylph...	16.109	198	39190	50.512	ng		97
66) n-Nitrosodiphenylamine	16.226	169	171012	48.452	ng		100
67) 4-Bromophenyl-phenylether	16.908	248	77540	48.878	ng		99
68) Hexachlorobenzene	17.037	284	75457	48.947	ng		99
69) Atrazine	17.154	200	64488	47.897	ng		98
70) Pentachlorophenol	17.378	266	45551	51.270	ng		97
71) Phenanthrene	17.777	178	317604	47.696	ng		100
72) Anthracene	17.865	178	327251	47.895	ng		99
73) Carbazole	18.130	167	273378	47.526	ng		98
74) Di-n-butylphthalate	18.647	149	322532	48.734	ng		99
75) Fluoranthene	19.763	202	390841	47.191	ng		98
77) Benzidine	19.927	184	103301	41.040	ng		99
78) Pyrene	20.121	202	388820	47.525	ng		99
80) Butylbenzylphthalate	20.973	149	129644	49.942	ng		99
81) Benzo(a)anthracene	22.019	228	385011	47.997	ng		99
82) 3,3'-Dichlorobenzidine	21.919	252	126161	49.102	ng		100
83) Chrysene	22.095	228	363265	48.131	ng		98
84) Bis(2-ethylhexyl)phtha...	21.866	149	187642	48.855	ng		99
85) Di-n-octyl phthalate	23.170	149	313546	48.968	ng		100
87) Indeno(1,2,3-cd)pyrene	29.608	276	415177	47.555	ng	#	95
88) Benzo(b)fluoranthene	24.427	252	370587	47.325	ng		99
89) Benzo(k)fluoranthene	24.503	252	375214	47.153	ng		99
90) Benzo(a)pyrene	25.390	252	363067	47.458	ng		96
91) Dibenzo(a,h)anthracene	29.673	278	346121	47.605	ng		97
92) Benzo(g,h,i)perylene	30.895	276	337536	47.545	ng		99

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

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