Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
Data File : BG057204.D
Acq On : 27 Apr 2023 21:33
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 04:33:41 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	18172	20.000	ng		0.00
21) Naphthalene-d8	11.221	136	70041	20.000	ng		0.00
39) Acenaphthene-d10	14.992	164	54732	20.000	ng		0.00
64) Phenanthrene-d10	17.730	188	133863	20.000	ng		0.00
76) Chrysene-d12	22.041	240	114965	20.000	ng		0.00
86) Perylene-d12	25.554	264	124794	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.893	112	122590	115.399	ng		0.00
7) Phenol-d6	7.520	99	190939	118.363	ng		0.00
23) Nitrobenzene-d5	9.564	82	203293	121.819	ng		0.00
42) 2,4,6-Tribromophenol	16.478	330	94991	122.318	ng		0.00
45) 2-Fluorobiphenyl	13.623	172	473379	116.485	ng		0.00
79) Terphenyl-d14	20.303	244	828589	117.618	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.702	88	23959	54.547	ng		100
3) Pyridine	4.125	79	83425	59.101	ng		97
4) n-Nitrosodimethylamine	4.031	42	39284	59.221	ng		97
6) Aniline	7.696	93	119621	58.453	ng		98
8) 2-Chlorophenol	7.943	128	64391	57.363	ng		97
9) Benzaldehyde	7.508	77	47464	58.753	ng		90
10) Phenol	7.549	94	91198	57.994	ng		99
11) bis(2-Chloroethyl)ether	7.784	93	68432	57.710	ng		100
12) 1,3-Dichlorobenzene	8.272	146	70703	57.069	ng		94
13) 1,4-Dichlorobenzene	8.419	146	71174	57.193	ng		97
14) 1,2-Dichlorobenzene	8.742	146	68653	57.146	ng		99
15) Benzyl Alcohol	8.618	79	80701	60.051	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.900	45	86789	58.069	ng		96
17) 2-Methylphenol	8.818	107	66477	58.644	ng		98
18) Hexachloroethane	9.482	117	25893	57.656	ng		96
19) n-Nitroso-di-n-propyla...	9.188	70	69921	56.844	ng		98
20) 3+4-Methylphenols	9.147	107	92722	59.737	ng		97
22) Acetophenone	9.212	105	118672	59.198	ng	#	100
24) Nitrobenzene	9.605	77	102285	60.726	ng		99
25) Isophorone	10.128	82	194701	60.168	ng		99
26) 2-Nitrophenol	10.322	139	40902	63.441	ng		97
27) 2,4-Dimethylphenol	10.363	122	68589	60.755	ng		97
28) bis(2-Chloroethoxy)met...	10.598	93	96042	59.243	ng		98
29) 2,4-Dichlorophenol	10.863	162	74200	61.968	ng		95
30) 1,2,4-Trichlorobenzene	11.074	180	81676	59.140	ng		96
31) Naphthalene	11.274	128	224265	59.892	ng		99
32) Benzoic acid	10.534	122	41809	62.629	ng		86
33) 4-Chloroaniline	11.368	127	102865	61.172	ng		98
34) Hexachlorobutadiene	11.544	225	61279	59.798	ng		98
35) Caprolactam	12.155	113	25471	62.274	ng		98
36) 4-Chloro-3-methylphenol	12.466	107	83238	61.172	ng		99
37) 2-Methylnaphthalene	12.848	142	179151	60.852	ng		98
38) 1-Methylnaphthalene	13.065	142	167249	60.271	ng		98
40) 1,2,4,5-Tetrachloroben...	13.206	216	116601	60.010	ng		98
41) Hexachlorocyclopentadiene	13.183	237	54657	60.212	ng		99
43) 2,4,6-Trichlorophenol	13.441	196	73088	61.742	ng		99

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44) 2,4,5-Trichlorophenol	13.518	196	84905	60.975	ng		98
46) 1,1'-Biphenyl	13.835	154	240877	59.310	ng		98
47) 2-Chloronaphthalene	13.882	162	179976	59.593	ng		99
48) 2-Nitroaniline	14.082	65	64144	62.465	ng		99
49) Acenaphthylene	14.722	152	292025	59.518	ng		99
50) Dimethylphthalate	14.434	163	260121	57.835	ng		98
51) 2,6-Dinitrotoluene	14.563	165	55812	60.778	ng		97
52) Acenaphthene	15.057	154	180523	58.880	ng		99
53) 3-Nitroaniline	14.898	138	54607	59.357	ng		94
54) 2,4-Dinitrophenol	15.104	184	33870	60.814	ng		96
55) Dibenzofuran	15.392	168	301174	58.464	ng		99
56) 4-Nitrophenol	15.192	139	39431	64.444	ng		99
57) 2,4-Dinitrotoluene	15.345	165	79720	60.743	ng		97
58) Fluorene	16.032	166	246614	58.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.615	232	76875	60.895	ng		98
60) Diethylphthalate	15.774	149	264152	57.833	ng		100
61) 4-Chlorophenyl-phenyle...	16.014	204	149931	58.654	ng		97
62) 4-Nitroaniline	16.055	138	55460	59.757	ng		95
63) Azobenzene	16.308	77	255933	58.074	ng		99
65) 4,6-Dinitro-2-methylph...	16.108	198	51827	64.848	ng		94
66) n-Nitrosodiphenylamine	16.226	169	218062	59.978	ng		99
67) 4-Bromophenyl-phenylether	16.907	248	98598	60.337	ng		97
68) Hexachlorobenzene	17.037	284	95862	60.366	ng		99
69) Atrazine	17.160	200	80641	58.144	ng		98
70) Pentachlorophenol	17.383	266	59953	65.509	ng		95
71) Phenanthrene	17.777	178	403976	58.894	ng		99
72) Anthracene	17.865	178	415072	58.973	ng		98
73) Carbazole	18.129	167	345081	58.238	ng		99
74) Di-n-butylphthalate	18.652	149	408958	59.987	ng		99
75) Fluoranthene	19.762	202	499163	58.510	ng		98
78) Pyrene	20.126	202	498711	59.697	ng		99
80) Butylbenzylphthalate	20.978	149	164968	62.236	ng		98
81) Benzo(a)anthracene	22.018	228	491373	59.990	ng		99
82) 3,3'-Dichlorobenzidine	21.918	252	157743	60.125	ng		99
83) Chrysene	22.094	228	458432	59.485	ng		100
84) Bis(2-ethylhexyl)phtha...	21.865	149	242005	61.707	ng		99
85) Di-n-octyl phthalate	23.169	149	402838	61.613	ng		99
87) Indeno(1,2,3-cd)pyrene	29.619	276	547022	60.144	ng	#	98
88) Benzo(b)fluoranthene	24.432	252	495011	60.680	ng		98
89) Benzo(k)fluoranthene	24.503	252	485271	58.539	ng		98
90) Benzo(a)pyrene	25.396	252	474642	59.555	ng		97
91) Dibenzo(a,h)anthracene	29.672	278	457151	60.355	ng		97
92) Benzo(g,h,i)perylene	30.900	276	445516	60.239	ng		100

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

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