Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057883.D
Acq On : 28 Jun 2023 8:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 28 08:51:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	44402	20.000	ng		0.00
21) Naphthalene-d8	10.723	136	197892	20.000	ng		0.00
39) Acenaphthene-d10	14.560	164	147829	20.000	ng		0.00
64) Phenanthrene-d10	17.297	188	369920	20.000	ng		0.00
76) Chrysene-d12	21.557	240	304491	20.000	ng		0.00
86) Perylene-d12	24.701	264	384507	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.494	112	232903	80.253	ng		0.00
7) Phenol-d6	7.086	99	360359	83.038	ng		0.00
23) Nitrobenzene-d5	9.084	82	322921	79.971	ng		0.00
42) 2,4,6-Tribromophenol	16.046	330	196978	79.333	ng		0.00
45) 2-Fluorobiphenyl	13.179	172	753796	77.814	ng		0.00
79) Terphenyl-d14	19.918	244	1326888	79.445	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.402	88	51766	38.916	ng		95
3) Pyridine	3.790	79	154707	40.304	ng		98
4) n-Nitrosodimethylamine	3.708	42	62458	39.476	ng	#	93
6) Aniline	7.250	93	222805	41.098	ng		98
8) 2-Chlorophenol	7.485	128	117985	40.498	ng		99
9) Benzaldehyde	7.062	77	95542	44.112	ng		96
10) Phenol	7.109	94	175877	41.706	ng		96
11) bis(2-Chloroethyl)ether	7.344	93	128399	40.386	ng		96
12) 1,3-Dichlorobenzene	7.809	146	119983	40.039	ng		98
13) 1,4-Dichlorobenzene	7.955	146	119375	39.661	ng		98
14) 1,2-Dichlorobenzene	8.273	146	115390	39.614	ng		99
15) Benzyl Alcohol	8.161	79	133015	41.602	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.449	45	206762	39.056	ng		98
17) 2-Methylphenol	8.361	107	128919	41.236	ng		97
18) Hexachloroethane	9.001	117	42409	40.435	ng		96
19) n-Nitroso-di-n-propyla...	8.725	70	118708	40.880	ng		98
20) 3+4-Methylphenols	8.690	107	186107	42.726	ng		99
22) Acetophenone	8.743	105	217912	39.566	ng	#	100
24) Nitrobenzene	9.125	77	164145	40.499	ng		99
25) Isophorone	9.648	82	347599	39.869	ng		99
26) 2-Nitrophenol	9.836	139	70089	42.438	ng		97
27) 2,4-Dimethylphenol	9.894	122	128999	40.511	ng		98
28) bis(2-Chloroethoxy)met...	10.129	93	189763	40.503	ng		99
29) 2,4-Dichlorophenol	10.370	162	129668	41.523	ng		98
30) 1,2,4-Trichlorobenzene	10.588	180	134306	39.949	ng		97
31) Naphthalene	10.776	128	419711	39.732	ng		99
32) Benzoic acid	10.030	122	113908	45.736	ng		92
33) 4-Chloroaniline	10.882	127	204508	41.148	ng		99
34) Hexachlorobutadiene	11.058	225	81709	39.405	ng		97
35) Caprolactam	11.663	113	53536	39.557	ng		99
36) 4-Chloro-3-methylphenol	12.004	107	172316	41.563	ng		98
37) 2-Methylnaphthalene	12.386	142	312130	40.084	ng		98
38) 1-Methylnaphthalene	12.603	142	296316	40.271	ng		100
40) 1,2,4,5-Tetrachloroben...	12.750	216	163328	39.491	ng		99
41) Hexachlorocyclopentadiene	12.732	237	88164	39.654	ng		98
43) 2,4,6-Trichlorophenol	12.991	196	126376	41.453	ng		96

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44) 2,4,5-Trichlorophenol	13.061	196	151492	41.751	ng		99
46) 1,1'-Biphenyl	13.390	154	397237	39.451	ng		99
47) 2-Chloronaphthalene	13.431	162	309376	40.009	ng		98
48) 2-Nitroaniline	13.637	65	127674	41.438	ng		92
49) Acenaphthylene	14.283	152	538376	39.700	ng		98
50) Dimethylphthalate	14.013	163	458866	39.163	ng		99
51) 2,6-Dinitrotoluene	14.131	165	100991	41.513	ng		99
52) Acenaphthene	14.624	154	313502	39.573	ng		99
53) 3-Nitroaniline	14.466	138	111921	40.469	ng		96
54) 2,4-Dinitrophenol	14.665	184	49341	36.712	ng		93
55) Dibenzofuran	14.953	168	531671	39.127	ng		97
56) 4-Nitrophenol	14.765	139	91851	40.509	ng		98
57) 2,4-Dinitrotoluene	14.918	165	143386	40.619	ng		97
58) Fluorene	15.605	166	428862	39.104	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	131905	40.101	ng		99
60) Diethylphthalate	15.376	149	473962	38.375	ng		99
61) 4-Chlorophenyl-phenyle...	15.599	204	231034	39.274	ng		98
62) 4-Nitroaniline	15.629	138	111965	38.595	ng		99
63) Azobenzene	15.887	77	465949	39.451	ng		98
65) 4,6-Dinitro-2-methylph...	15.682	198	79522	39.948	ng		97
66) n-Nitrosodiphenylamine	15.811	169	388847	41.189	ng		98
67) 4-Bromophenyl-phenylether	16.493	248	159636	40.881	ng		97
68) Hexachlorobenzene	16.604	284	166323	40.335	ng		96
69) Atrazine	16.757	200	131677	37.558	ng		99
70) Pentachlorophenol	16.951	266	129276	40.995	ng		99
71) Phenanthrene	17.345	178	707379	39.836	ng		99
72) Anthracene	17.433	178	723131	39.485	ng		100
73) Carbazole	17.703	167	675151	38.772	ng		100
74) Di-n-butylphthalate	18.261	149	839738	39.017	ng		100
75) Fluoranthene	19.354	202	854534	38.199	ng		99
77) Benzidine	19.536	184	286049	40.042	ng		100
78) Pyrene	19.718	202	862039	39.649	ng		99
80) Butylbenzylphthalate	20.605	149	360204	40.856	ng		100
81) Benzo(a)anthracene	21.534	228	849998	40.338	ng		99
82) 3,3'-Dichlorobenzidine	21.451	252	299704	39.972	ng		100
83) Chrysene	21.598	228	805720	40.396	ng		99
84) Bis(2-ethylhexyl)phtha...	21.446	149	502779	40.167	ng		99
85) Di-n-octyl phthalate	22.632	149	901323	40.805	ng		98
87) Indeno(1,2,3-cd)pyrene	28.296	276	1021127	40.088	ng	#	95
88) Benzo(b)fluoranthene	23.702	252	852027	40.627	ng		100
89) Benzo(k)fluoranthene	23.772	252	848627	40.038	ng		99
90) Benzo(a)pyrene	24.554	252	833041	40.099	ng		99
91) Dibenzo(a,h)anthracene	28.361	278	852750	40.358	ng		99
92) Benzo(g,h,i)perylene	29.424	276	845473	40.262	ng		98

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

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