Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
Data File : BG056138.D
Acq On : 28 Dec 2022 13:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Dec 29 03:36:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.331	152	43460	20.000	ng		0.00
21) Naphthalene-d8	11.169	136	163611	20.000	ng	#	0.00
39) Acenaphthene-d10	14.947	164	141789	20.000	ng		0.00
64) Phenanthrene-d10	17.679	188	375617	20.000	ng		0.00
76) Chrysene-d12	21.980	240	371992	20.000	ng		0.00
86) Perylene-d12	25.434	264	409650	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.845	112	204533	84.030	ng		0.00
7) Phenol-d6	7.461	99	303780	81.268	ng		0.00
23) Nitrobenzene-d5	9.506	82	262195	81.973	ng		0.00
42) 2,4,6-Tribromophenol	16.421	330	143869	80.117	ng		0.00
45) 2-Fluorobiphenyl	13.572	172	819507	79.813	ng		0.00
79) Terphenyl-d14	20.252	244	1629268	78.445	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.672	88	47430	42.661	ng		97
3) Pyridine	4.089	79	147372	43.521	ng		97
4) n-Nitrosodimethylamine	3.989	42	28380	41.201	ng		97
6) Aniline	7.643	93	198655	40.525	ng		99
8) 2-Chlorophenol	7.890	128	102150	42.173	ng		97
9) Benzaldehyde	7.455	77	90847	40.874	ng		97
10) Phenol	7.491	94	154964	40.878	ng		99
11) bis(2-Chloroethyl)ether	7.731	93	106462	41.441	ng		96
12) 1,3-Dichlorobenzene	8.219	146	118838	40.313	ng		94
13) 1,4-Dichlorobenzene	8.366	146	122320	41.321	ng		98
14) 1,2-Dichlorobenzene	8.695	146	114080	39.940	ng		98
15) Benzyl Alcohol	8.560	79	110232	40.519	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.854	45	19164	42.214	ng		95
17) 2-Methylphenol	8.760	107	113603	40.840	ng		96
18) Hexachloroethane	9.435	117	36357	40.429	ng		96
19) n-Nitroso-di-n-propyla...	9.136	70	89936	39.566	ng		98
20) 3+4-Methylphenols	9.089	107	155563	39.778	ng		99
22) Acetophenone	9.159	105	191652	41.428	ng	#	99
24) Nitrobenzene	9.547	77	132621	41.839	ng		99
25) Isophorone	10.070	82	274749	40.826	ng		98
26) 2-Nitrophenol	10.264	139	66218	40.829	ng		99
27) 2,4-Dimethylphenol	10.305	122	119156	40.282	ng		93
28) bis(2-Chloroethoxy)met...	10.546	93	145838	41.695	ng		98
29) 2,4-Dichlorophenol	10.799	162	132859	40.626	ng		97
30) 1,2,4-Trichlorobenzene	11.022	180	147834	39.835	ng		99
31) Naphthalene	11.216	128	356264	41.375	ng		99
32) Benzoic acid	10.417	122	94768	43.179	ng		95
33) 4-Chloroaniline	11.316	127	168969	41.101	ng		98
34) Hexachlorobutadiene	11.492	225	106623	39.947	ng		97
35) Caprolactam	12.073	113	47747	43.123	ng		94
36) 4-Chloro-3-methylphenol	12.403	107	136211	41.047	ng		95
37) 2-Methylnaphthalene	12.796	142	294664	40.529	ng		99
38) 1-Methylnaphthalene	13.014	142	266924	39.535	ng		99
40) 1,2,4,5-Tetrachloroben...	13.155	216	214010	40.271	ng		100
41) Hexachlorocyclopentadiene	13.137	237	119780	39.534	ng		94
43) 2,4,6-Trichlorophenol	13.384	196	142529	40.560	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.460	196	167041	40.185	ng		98
46) 1,1'-Biphenyl	13.783	154	410319	40.408	ng		99
47) 2-Chloronaphthalene	13.836	162	321689	40.135	ng		99
48) 2-Nitroaniline	14.024	65	72811	42.636	ng		97
49) Acenaphthylene	14.670	152	521958	40.018	ng		99
50) Dimethylphthalate	14.383	163	459386	40.135	ng		98
51) 2,6-Dinitrotoluene	14.506	165	98182	40.256	ng		99
52) Acenaphthene	15.011	154	345226	40.696	ng		99
53) 3-Nitroaniline	14.841	138	96768	41.689	ng		96
54) 2,4-Dinitrophenol	15.041	184	70493	40.458	ng		97
55) Dibenzofuran	15.340	168	568860	40.523	ng		97
56) 4-Nitrophenol	15.123	139	75210	42.130	ng		97
57) 2,4-Dinitrotoluene	15.287	165	140577	41.214	ng	#	92
58) Fluorene	15.987	166	444646	39.381	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.558	232	155425	39.822	ng		95
60) Diethylphthalate	15.734	149	434383	40.467	ng		99
61) 4-Chlorophenyl-phenyle...	15.969	204	279128	39.613	ng		99
62) 4-Nitroaniline	15.992	138	100769	42.381	ng		92
63) Azobenzene	16.263	77	336525	40.626	ng		97
65) 4,6-Dinitro-2-methylph...	16.051	198	103337	40.834	ng		98
66) n-Nitrosodiphenylamine	16.180	169	414312	39.755	ng		98
67) 4-Bromophenyl-phenylether	16.862	248	187132	39.124	ng		97
68) Hexachlorobenzene	16.985	284	176594	39.573	ng		99
69) Atrazine	17.115	200	177577	41.114	ng		98
70) Pentachlorophenol	17.326	266	143144	41.758	ng		95
71) Phenanthrene	17.726	178	776097	39.870	ng		98
72) Anthracene	17.814	178	802771	39.978	ng		99
73) Carbazole	18.078	167	689422	40.846	ng		99
74) Di-n-butylphthalate	18.607	149	721820	42.900	ng		99
75) Fluoranthene	19.712	202	1030467	40.583	ng		99
77) Benzidine	19.876	184	548298	42.060	ng		99
78) Pyrene	20.070	202	1039189	39.634	ng		99
80) Butylbenzylphthalate	20.934	149	307550	40.886	ng		98
81) Benzo(a)anthracene	21.956	228	1049188	40.156	ng		98
82) 3,3'-Dichlorobenzidine	21.856	252	381682	40.581	ng		99
83) Chrysene	22.027	228	976713	39.908	ng		99
84) Bis(2-ethylhexyl)phtha...	21.827	149	446231	41.176	ng		97
85) Di-n-octyl phthalate	23.119	149	755882	41.316	ng		100
87) Indeno(1,2,3-cd)pyrene	29.424	276	1196542	40.163	ng		99
88) Benzo(b)fluoranthene	24.330	252	1040735	39.986	ng		100
89) Benzo(k)fluoranthene	24.400	252	1034625	39.919	ng		100
90) Benzo(a)pyrene	25.270	252	1006930	39.665	ng		99
91) Dibenzo(a,h)anthracene	29.482	278	994867	39.830	ng		99
92) Benzo(g,h,i)perylene	30.669	276	968597	39.988	ng		98

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

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