Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056564.D
Acq On : 7 Feb 2023 12:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Feb 08 03:04:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	33319	20.000	ng		# 0.00
21) Naphthalene-d8	11.101	136	133755	20.000	ng		0.00
39) Acenaphthene-d10	14.891	164	112071	20.000	ng		0.00
64) Phenanthrene-d10	17.629	188	281682	20.000	ng		0.00
76) Chrysene-d12	21.924	240	252427	20.000	ng		0.00
86) Perylene-d12	25.338	264	276349	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	146329	80.790	ng		0.00
7) Phenol-d6	7.418	99	219640	81.844	ng		0.00
23) Nitrobenzene-d5	9.445	82	187805	79.732	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	117347	78.761	ng		0.00
45) 2-Fluorobiphenyl	13.516	172	633025	78.311	ng		0.00
79) Terphenyl-d14	20.208	244	1129656	78.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	30315	40.196	ng		97
3) Pyridine	4.010	79	94972	42.244	ng		96
4) n-Nitrosodimethylamine	3.916	42	18973	39.684	ng		99
6) Aniline	7.582	93	143629	40.878	ng		96
8) 2-Chlorophenol	7.829	128	78605	39.505	ng		97
9) Benzaldehyde	7.394	77	49147	40.131	ng		96
10) Phenol	7.441	94	110307	40.441	ng		98
11) bis(2-Chloroethyl)ether	7.670	93	75128	40.072	ng		94
12) 1,3-Dichlorobenzene	8.158	146	89564	39.095	ng		98
13) 1,4-Dichlorobenzene	8.305	146	91813	39.574	ng		98
14) 1,2-Dichlorobenzene	8.628	146	88811	39.455	ng		96
15) Benzyl Alcohol	8.504	79	74925	40.692	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.781	45	16467	41.453	ng		97
17) 2-Methylphenol	8.710	107	84224	40.589	ng		96
18) Hexachloroethane	9.362	117	27164	38.711	ng		94
19) n-Nitroso-di-n-propyla...	9.074	70	64341	41.603	ng		99
20) 3+4-Methylphenols	9.039	107	121823	41.892	ng		98
22) Acetophenone	9.098	105	143532	40.388	ng	#	97
24) Nitrobenzene	9.492	77	92210	40.585	ng		100
25) Isophorone	10.009	82	194102	39.944	ng		98
26) 2-Nitrophenol	10.208	139	55906	40.555	ng		99
27) 2,4-Dimethylphenol	10.255	122	93724	40.625	ng		97
28) bis(2-Chloroethoxy)met...	10.485	93	106921	39.829	ng		98
29) 2,4-Dichlorophenol	10.749	162	105251	40.530	ng		97
30) 1,2,4-Trichlorobenzene	10.960	180	113218	39.234	ng		98
31) Naphthalene	11.154	128	283114	40.103	ng		99
32) Benzoic acid	10.402	122	48901	37.886	ng		93
33) 4-Chloroaniline	11.254	127	135255	41.044	ng		98
34) Hexachlorobutadiene	11.425	225	79327	39.162	ng		95
35) Caprolactam	12.036	113	35717	40.782	ng		91
36) 4-Chloro-3-methylphenol	12.365	107	105117	41.915	ng		95
37) 2-Methylnaphthalene	12.741	142	233946	40.196	ng		97
38) 1-Methylnaphthalene	12.952	142	219261	40.338	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.099	216	159991	39.076	ng		99
41) Hexachlorocyclopentadiene	13.070	237	67161	34.851	ng		98
43) 2,4,6-Trichlorophenol	13.340	196	104684	39.676	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.416	196	121412	39.302	ng		100
46) 1,1'-Biphenyl	13.728	154	321329	39.530	ng		99
47) 2-Chloronaphthalene	13.781	162	251721	39.618	ng		99
48) 2-Nitroaniline	13.980	65	55122	41.967	ng		96
49) Acenaphthylene	14.621	152	414738	40.120	ng		100
50) Dimethylphthalate	14.333	163	359335	39.632	ng		99
51) 2,6-Dinitrotoluene	14.462	165	78285	39.592	ng		98
52) Acenaphthene	14.956	154	240681	39.262	ng		98
53) 3-Nitroaniline	14.797	138	76790	40.059	ng		95
54) 2,4-Dinitrophenol	15.009	184	45209	36.471	ng		95
55) Dibenzofuran	15.285	168	441669	40.175	ng		100
56) 4-Nitrophenol	15.103	139	48159	36.768	ng		95
57) 2,4-Dinitrotoluene	15.249	165	113469	40.741	ng		98
58) Fluorene	15.931	166	345895	39.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.514	232	108067	39.344	ng		99
60) Diethylphthalate	15.678	149	337887	39.686	ng		99
61) 4-Chlorophenyl-phenyle...	15.913	204	212317	39.775	ng		98
62) 4-Nitroaniline	15.955	138	79651	41.526	ng		95
63) Azobenzene	16.207	77	235394	40.181	ng		97
65) 4,6-Dinitro-2-methylph...	16.013	198	78339	39.558	ng		96
66) n-Nitrosodiphenylamine	16.131	169	316826	39.726	ng		99
67) 4-Bromophenyl-phenylether	16.807	248	143491	39.792	ng		99
68) Hexachlorobenzene	16.936	284	140377	39.746	ng		98
69) Atrazine	17.065	200	125666	40.844	ng		98
70) Pentachlorophenol	17.282	266	71999	33.691	ng		99
71) Phenanthrene	17.670	178	580520	39.377	ng		99
72) Anthracene	17.764	178	595159	39.327	ng		99
73) Carbazole	18.029	167	507794	39.396	ng		99
74) Di-n-butylphthalate	18.552	149	533540	39.423	ng		100
75) Fluoranthene	19.668	202	713403	38.340	ng		100
77) Benzidine	19.832	184	271138	39.692	ng		99
78) Pyrene	20.026	202	722612	40.250	ng		100
80) Butylbenzylphthalate	20.878	149	218610	39.871	ng		97
81) Benzo(a)anthracene	21.901	228	695606	39.417	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	252998	39.810	ng		96
83) Chrysene	21.971	228	654877	39.499	ng		99
84) Bis(2-ethylhexyl)phtha...	21.754	149	310078	39.445	ng		99
85) Di-n-octyl phthalate	23.023	149	514140	39.273	ng		100
87) Indeno(1,2,3-cd)pyrene	29.286	276	802196	39.656	ng	#	95
88) Benzo(b)fluoranthene	24.251	252	693605	40.437	ng		99
89) Benzo(k)fluoranthene	24.321	252	686159	39.621	ng		99
90) Benzo(a)pyrene	25.179	252	672984	39.830	ng		99
91) Dibenzo(a,h)anthracene	29.345	278	676331	39.831	ng		100
92) Benzo(g,h,i)perylene	30.526	276	651716	39.777	ng		97

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

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