Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056517.D
Acq On : 2 Feb 2023 16:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Feb 03 05:17:38 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 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.277	152	36187	20.000	ng		# 0.00
21) Naphthalene-d8	11.109	136	138876	20.000	ng		# 0.00
39) Acenaphthene-d10	14.898	164	114864	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	278761	20.000	ng		0.00
76) Chrysene-d12	21.926	240	268889	20.000	ng		0.00
86) Perylene-d12	25.345	264	300980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	156732	79.675	ng		0.00
7) Phenol-d6	7.419	99	233883	80.244	ng		0.00
23) Nitrobenzene-d5	9.452	82	202922	82.973	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	112835	73.891	ng		0.00
45) 2-Fluorobiphenyl	13.524	172	671067	80.999	ng		0.00
79) Terphenyl-d14	20.210	244	1184510	77.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.600	88	34469	42.081	ng		99
3) Pyridine	4.017	79	103528	42.400	ng		96
4) n-Nitrosodimethylamine	3.929	42	19835	38.199	ng		83
6) Aniline	7.589	93	152164	39.875	ng		94
8) 2-Chlorophenol	7.836	128	82896	38.360	ng		98
9) Benzaldehyde	7.401	77	58064	45.601	ng		96
10) Phenol	7.448	94	116529	39.336	ng		99
11) bis(2-Chloroethyl)ether	7.678	93	83892	41.200	ng		96
12) 1,3-Dichlorobenzene	8.165	146	97974	39.377	ng		96
13) 1,4-Dichlorobenzene	8.312	146	99602	39.529	ng		98
14) 1,2-Dichlorobenzene	8.635	146	95072	38.889	ng		96
15) Benzyl Alcohol	8.512	79	82412	41.211	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.800	45	16627	38.539	ng		97
17) 2-Methylphenol	8.712	107	90501	40.157	ng		98
18) Hexachloroethane	9.370	117	30683	40.261	ng		95
19) n-Nitroso-di-n-propyla...	9.082	70	67837	40.387	ng		97
20) 3+4-Methylphenols	9.041	107	123954	39.247	ng		98
22) Acetophenone	9.105	105	150130	40.686	ng	#	98
24) Nitrobenzene	9.499	77	97398	41.288	ng		97
25) Isophorone	10.016	82	204849	40.601	ng		99
26) 2-Nitrophenol	10.210	139	57146	39.926	ng		97
27) 2,4-Dimethylphenol	10.257	122	96879	40.444	ng		97
28) bis(2-Chloroethoxy)met...	10.492	93	115978	41.610	ng		99
29) 2,4-Dichlorophenol	10.750	162	108099	40.092	ng		94
30) 1,2,4-Trichlorobenzene	10.968	180	124759	41.639	ng		97
31) Naphthalene	11.162	128	296218	40.412	ng		100
32) Benzoic acid	10.410	122	53379	39.831	ng		92
33) 4-Chloroaniline	11.262	127	135322	39.550	ng		99
34) Hexachlorobutadiene	11.432	225	90635	43.095	ng		97
35) Caprolactam	12.037	113	32233	35.447	ng		95
36) 4-Chloro-3-methylphenol	12.366	107	103537	39.763	ng		99
37) 2-Methylnaphthalene	12.742	142	241397	39.947	ng		97
38) 1-Methylnaphthalene	12.960	142	225408	39.940	ng		93
40) 1,2,4,5-Tetrachloroben...	13.106	216	175734	41.878	ng		98
41) Hexachlorocyclopentadiene	13.077	237	80703	39.761	ng		98
43) 2,4,6-Trichlorophenol	13.341	196	107323	39.687	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	123473	38.998	ng		100
46) 1,1'-Biphenyl	13.735	154	331792	39.825	ng		99
47) 2-Chloronaphthalene	13.782	162	259237	39.809	ng		99
48) 2-Nitroaniline	13.982	65	53337	39.620	ng		98
49) Acenaphthylene	14.622	152	418628	39.512	ng		100
50) Dimethylphthalate	14.334	163	357163	38.434	ng		99
51) 2,6-Dinitrotoluene	14.464	165	77027	38.009	ng		96
52) Acenaphthene	14.963	154	249635	39.732	ng		98
53) 3-Nitroaniline	14.799	138	74552	37.946	ng		96
54) 2,4-Dinitrophenol	15.010	184	47726	37.565	ng		96
55) Dibenzofuran	15.292	168	444115	39.415	ng		99
56) 4-Nitrophenol	15.098	139	48130	35.852	ng		97
57) 2,4-Dinitrotoluene	15.251	165	108741	38.094	ng		98
58) Fluorene	15.938	166	346411	38.637	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.515	232	108523	38.550	ng		98
60) Diethylphthalate	15.686	149	328045	37.593	ng		99
61) 4-Chlorophenyl-phenyle...	15.921	204	218765	39.987	ng		98
62) 4-Nitroaniline	15.956	138	73420	37.347	ng		94
63) Azobenzene	16.209	77	245033	40.810	ng		96
65) 4,6-Dinitro-2-methylph...	16.015	198	77138	39.359	ng		97
66) n-Nitrosodiphenylamine	16.132	169	319981	40.542	ng		100
67) 4-Bromophenyl-phenylether	16.814	248	146462	41.042	ng		98
68) Hexachlorobenzene	16.943	284	139727	39.977	ng		100
69) Atrazine	17.067	200	126818	41.650	ng		99
70) Pentachlorophenol	17.284	266	80876	38.241	ng		98
71) Phenanthrene	17.678	178	587328	40.256	ng		99
72) Anthracene	17.772	178	602438	40.225	ng		99
73) Carbazole	18.036	167	502500	39.394	ng		99
74) Di-n-butylphthalate	18.559	149	527777	39.406	ng		100
75) Fluoranthene	19.669	202	742659	40.331	ng		100
77) Benzidine	19.840	184	310695	42.699	ng		99
78) Pyrene	20.034	202	746543	39.037	ng		100
80) Butylbenzylphthalate	20.886	149	226320	38.750	ng		99
81) Benzo(a)anthracene	21.902	228	754031	40.112	ng		100
82) 3,3'-Dichlorobenzidine	21.808	252	271870	40.161	ng		99
83) Chrysene	21.973	228	706540	40.006	ng		99
84) Bis(2-ethylhexyl)phtha...	21.761	149	328549	39.236	ng		99
85) Di-n-octyl phthalate	23.036	149	564701	40.495	ng		100
87) Indeno(1,2,3-cd)pyrene	29.287	276	889782	40.386	ng	#	96
88) Benzo(b)fluoranthene	24.252	252	756714	40.506	ng		99
89) Benzo(k)fluoranthene	24.323	252	750970	39.815	ng		98
90) Benzo(a)pyrene	25.186	252	736734	40.035	ng		99
91) Dibenzo(a,h)anthracene	29.346	278	745466	40.309	ng		99
92) Benzo(g,h,i)perylene	30.533	276	722304	40.478	ng		100

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

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