Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058585.D
Acq On : 3 Aug 2023 9:19
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 03 12:12:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	46702	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	197701	20.000	ng		0.00
39) Acenaphthene-d10	14.462	164	135327	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	334950	20.000	ng		0.00
76) Chrysene-d12	21.448	240	294335	20.000	ng		0.00
86) Perylene-d12	24.521	264	374196	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	238953	78.204	ng		0.00
7) Phenol-d6	6.983	99	339159	79.771	ng		0.00
23) Nitrobenzene-d5	8.981	82	311788	77.474	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	169838	76.569	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	693777	76.828	ng		0.00
79) Terphenyl-d14	19.827	244	1209316	77.264	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	55954	37.791	ng		98
3) Pyridine	3.669	79	160275	39.705	ng		99
4) n-Nitrosodimethylamine	3.587	42	65546	38.323	ng		98
6) Aniline	7.142	93	212976	40.686	ng		100
8) 2-Chlorophenol	7.377	128	118571	39.556	ng		97
9) Benzaldehyde	6.954	77	85476	37.004	ng		99
10) Phenol	7.012	94	165784	39.917	ng		98
11) bis(2-Chloroethyl)ether	7.236	93	128942	39.381	ng		98
12) 1,3-Dichlorobenzene	7.700	146	122667	38.324	ng		98
13) 1,4-Dichlorobenzene	7.847	146	124067	38.604	ng		97
14) 1,2-Dichlorobenzene	8.164	146	118881	38.689	ng		99
15) Benzyl Alcohol	8.052	79	118237	43.851	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	213491	40.140	ng		98
17) 2-Methylphenol	8.258	107	123072	40.528	ng		97
18) Hexachloroethane	8.892	117	45599	39.035	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	111989	40.779	ng		100
20) 3+4-Methylphenols	8.593	107	171393	41.725	ng		99
22) Acetophenone	8.634	105	207832	39.261	ng	#	99
24) Nitrobenzene	9.022	77	159216	38.915	ng		99
25) Isophorone	9.539	82	326644	39.283	ng		99
26) 2-Nitrophenol	9.727	139	69732	39.154	ng		98
27) 2,4-Dimethylphenol	9.791	122	116791	39.535	ng		98
28) bis(2-Chloroethoxy)met...	10.021	93	177701	39.269	ng		99
29) 2,4-Dichlorophenol	10.267	162	118944	38.779	ng		99
30) 1,2,4-Trichlorobenzene	10.479	180	133237	37.666	ng		99
31) Naphthalene	10.667	128	398160	38.211	ng		98
32) Benzoic acid	9.944	122	83989	38.265	ng		94
33) 4-Chloroaniline	10.779	127	180001	40.886	ng		97
34) Hexachlorobutadiene	10.943	225	84511	37.099	ng		98
35) Caprolactam	11.554	113	45849	40.479	ng		93
36) 4-Chloro-3-methylphenol	11.912	107	148474	39.131	ng		99
37) 2-Methylnaphthalene	12.277	142	286330	38.415	ng		98
38) 1-Methylnaphthalene	12.500	142	271543	38.325	ng		100
40) 1,2,4,5-Tetrachloroben...	12.653	216	159232	38.326	ng		100
41) Hexachlorocyclopentadiene	12.623	237	61098	35.778	ng		99
43) 2,4,6-Trichlorophenol	12.894	196	111700	39.088	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	131173	38.971	ng		98
46) 1,1'-Biphenyl	13.293	154	357853	38.505	ng		99
47) 2-Chloronaphthalene	13.340	162	278454	38.427	ng		100
48) 2-Nitroaniline	13.546	65	112386	40.634	ng		97
49) Acenaphthylene	14.186	152	471330	38.850	ng		99
50) Dimethylphthalate	13.922	163	399677	39.325	ng		100
51) 2,6-Dinitrotoluene	14.039	165	89435	40.105	ng		97
52) Acenaphthene	14.527	154	271100	38.673	ng		99
53) 3-Nitroaniline	14.374	138	91326	40.933	ng		97
54) 2,4-Dinitrophenol	14.586	184	44144	39.315	ng		96
55) Dibenzofuran	14.862	168	465452	38.641	ng		99
56) 4-Nitrophenol	14.692	139	64005	40.430	ng		98
57) 2,4-Dinitrotoluene	14.833	165	123441	39.927	ng		96
58) Fluorene	15.514	166	365710	38.218	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	108348	37.724	ng		98
60) Diethylphthalate	15.279	149	408732	39.476	ng		100
61) 4-Chlorophenyl-phenyle...	15.502	204	206034	38.620	ng		99
62) 4-Nitroaniline	15.538	138	91260	43.179	ng		98
63) Azobenzene	15.796	77	397511	38.978	ng		100
65) 4,6-Dinitro-2-methylph...	15.596	198	75852	41.070	ng		98
66) n-Nitrosodiphenylamine	15.720	169	330425	37.902	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	138958	36.577	ng		99
68) Hexachlorobenzene	16.513	284	148303	36.839	ng		99
69) Atrazine	16.666	200	114771	38.999	ng		99
70) Pentachlorophenol	16.860	266	91727	37.645	ng		97
71) Phenanthrene	17.247	178	596055	37.524	ng		100
72) Anthracene	17.341	178	612383	37.572	ng		99
73) Carbazole	17.612	167	568921	39.583	ng		99
74) Di-n-butylphthalate	18.164	149	732342	40.679	ng		100
75) Fluoranthene	19.263	202	751643	39.392	ng		100
77) Benzidine	19.451	184	251467	56.341	ng		99
78) Pyrene	19.627	202	775033	38.691	ng		99
80) Butylbenzylphthalate	20.514	149	329374	40.031	ng		97
81) Benzo(a)anthracene	21.431	228	784731	38.741	ng		99
82) 3,3'-Dichlorobenzidine	21.354	252	276529	40.377	ng		100
83) Chrysene	21.495	228	748266	38.528	ng		99
84) Bis(2-ethylhexyl)phtha...	21.337	149	478834	39.824	ng		99
85) Di-n-octyl phthalate	22.488	149	857949	40.585	ng		100
87) Indeno(1,2,3-cd)pyrene	28.023	276	965649	38.790	ng	#	89
88) Benzo(b)fluoranthene	23.546	252	775755	38.223	ng		98
89) Benzo(k)fluoranthene	23.611	252	814074	39.927	ng		99
90) Benzo(a)pyrene	24.380	252	786424	39.456	ng		99
91) Dibenzo(a,h)anthracene	28.070	278	802586	38.991	ng		100
92) Benzo(g,h,i)perylene	29.116	276	800147	38.766	ng		99

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

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