Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060287.D
Acq On : 8 Jan 2024 18:33
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Jan 09 04:00:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 03:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	229160	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1085203	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	787379	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1899595	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1826196	20.000	ng	0.00
86) Perylene-d12	24.739	264	2049865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1047834	75.208	ng	0.00
7) Phenol-d6	7.095	99	1927403	93.424	ng	0.00
23) Nitrobenzene-d5	9.093	82	1844129	80.243	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	923657	79.731	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4238411	74.840	ng	0.00
79) Terphenyl-d14	19.933	244	5715079	75.784	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	290945	45.715	ng	100
3) Pyridine	3.805	79	860105	47.934	ng	100
4) n-Nitrosodimethylamine	3.723	42	255642	45.314	ng	100
6) Aniline	7.260	93	890747	43.195	ng	100
8) 2-Chlorophenol	7.495	128	567265	41.083	ng	100
9) Benzaldehyde	7.072	77	515852	43.631	ng	100
10) Phenol	7.119	94	964548	46.630	ng	100
11) bis(2-Chloroethyl)ether	7.354	93	685640	40.678	ng	100
12) 1,3-Dichlorobenzene	7.818	146	699563	40.364	ng	100
13) 1,4-Dichlorobenzene	7.965	146	695284	39.539	ng	100
14) 1,2-Dichlorobenzene	8.282	146	805958	44.573	ng	100
15) Benzyl Alcohol	8.170	79	575274	43.076	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.452	45	915928	44.773	ng	100
17) 2-Methylphenol	8.370	107	659211	46.399	ng	100
18) Hexachloroethane	9.011	117	275411	44.670	ng	100
19) n-Nitroso-di-n-propyla...	8.735	70	685610	48.016	ng	100
20) 3+4-Methylphenols	8.699	107	897586	46.857	ng	100
22) Acetophenone	8.752	105	1205001	40.395	ng	100
24) Nitrobenzene	9.134	77	965764	40.538	ng	100
25) Isophorone	9.651	82	1861702	40.338	ng	100
26) 2-Nitrophenol	9.845	139	358728	40.953	ng	100
27) 2,4-Dimethylphenol	9.904	122	474707	41.013	ng	100
28) bis(2-Chloroethoxy)met...	10.139	93	1125305	39.905	ng	100
29) 2,4-Dichlorophenol	10.380	162	765833	40.830	ng	100
30) 1,2,4-Trichlorobenzene	10.597	180	935452	40.088	ng	100
31) Naphthalene	10.785	128	2236134	39.310	ng	100
32) Benzoic acid	10.045	122	365299	38.326	ng	100
33) 4-Chloroaniline	10.891	127	862925	39.370	ng	100
34) Hexachlorobutadiene	11.067	225	565879	37.226	ng	100
35) Caprolactam	11.666	113	239221	39.598	ng	100
36) 4-Chloro-3-methylphenol	12.013	107	762281	40.005	ng	100
37) 2-Methylnaphthalene	12.389	142	1629090	38.614	ng	100
38) 1-Methylnaphthalene	12.612	142	1616342	38.153	ng	100
40) 1,2,4,5-Tetrachloroben...	12.759	216	1070449	38.279	ng	100
41) Hexachlorocyclopentadiene	12.736	237	384557	41.420	ng	100
43) 2,4,6-Trichlorophenol	13.000	196	700563	39.366	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	779632	39.719	ng	100
46) 1,1'-Biphenyl	13.400	154	2282648	38.406	ng	100
47) 2-Chloronaphthalene	13.447	162	1971326	38.717	ng	100
48) 2-Nitroaniline	13.646	65	517323	40.798	ng	100
49) Acenaphthylene	14.293	152	2772909	39.548	ng	100
50) Dimethylphthalate	14.022	163	2356730	39.168	ng	100
51) 2,6-Dinitrotoluene	14.146	165	532478	41.473	ng	100
52) Acenaphthene	14.633	154	1719155	39.376	ng	100
53) 3-Nitroaniline	14.475	138	478510	40.902	ng	100
54) 2,4-Dinitrophenol	14.675	184	259553	38.350	ng	100
55) Dibenzofuran	14.968	168	2857482	39.207	ng	100
56) 4-Nitrophenol	14.780	139	382418	44.070	ng	100
57) 2,4-Dinitrotoluene	14.927	165	721268	40.967	ng	100
58) Fluorene	15.615	166	2351108	38.954	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	667697	40.059	ng	100
60) Diethylphthalate	15.386	149	2290369	39.650	ng	100
61) 4-Chlorophenyl-phenyle...	15.609	204	1268570	38.154	ng	100
62) 4-Nitroaniline	15.638	138	509248	40.945	ng	100
63) Azobenzene	15.903	77	2295086	39.282	ng	100
65) 4,6-Dinitro-2-methylph...	15.691	198	427720	40.701	ng	100
66) n-Nitrosodiphenylamine	15.820	169	2027932	40.206	ng	100
67) 4-Bromophenyl-phenylether	16.502	248	836165	40.060	ng	100
68) Hexachlorobenzene	16.619	284	976430	39.520	ng	100
69) Atrazine	16.772	200	753450	39.616	ng	100
70) Pentachlorophenol	16.966	266	573133	43.087	ng	100
71) Phenanthrene	17.360	178	3646357	39.713	ng	100
72) Anthracene	17.448	178	3666507	39.997	ng	100
73) Carbazole	17.718	167	3478721	40.252	ng	100
74) Di-n-butylphthalate	18.276	149	3628136	40.801	ng	100
75) Fluoranthene	19.369	202	4295338	38.949	ng	100
77) Benzidine	19.557	184	1628912	41.057	ng	100
78) Pyrene	19.733	202	4464809	38.285	ng	100
80) Butylbenzylphthalate	20.621	149	1635177	40.755	ng	100
81) Benzo(a)anthracene	21.555	228	4429930	39.184	ng	100
82) 3,3'-Dichlorobenzidine	21.478	252	1767430	40.822	ng	100
83) Chrysene	21.625	228	4313867	38.797	ng	100
84) Bis(2-ethylhexyl)phtha...	21.461	149	2479265	40.892	ng	100
85) Di-n-octyl phthalate	22.653	149	4048635	41.208	ng	100
87) Indeno(1,2,3-cd)pyrene	28.347	276	5674700	39.814	ng	100
88) Benzo(b)fluoranthene	23.735	252	4901755	40.478	ng	100
89) Benzo(k)fluoranthene	23.805	252	4861826	40.685	ng	100
90) Benzo(a)pyrene	24.592	252	4369470	39.943	ng	100
91) Dibenzo(a,h)anthracene	28.411	278	4708945	40.455	ng	100
92) Benzo(g,h,i)perylene	29.481	276	4754524	39.854	ng	100

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

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