Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
Data File : BG060333.D
Acq On : 16 Jan 2024 12:50
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 16 13:27:05 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 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	261505	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1167030	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	878630	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	2286548	20.000	ng	0.00
76) Chrysene-d12	21.584	240	2231831	20.000	ng	0.00
86) Perylene-d12	24.745	264	2519915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1364588	85.828	ng	0.00
7) Phenol-d6	7.095	99	2077106	88.227	ng	0.00
23) Nitrobenzene-d5	9.093	82	2247110	90.922	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1119863	86.629	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	4924783	77.928	ng	0.00
79) Terphenyl-d14	19.933	244	6538783	68.778	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	244667	33.689	ng	100
3) Pyridine	3.805	79	739009	36.065	ng	97
4) n-Nitrosodimethylamine	3.723	42	241848	37.713	ng	95
6) Aniline	7.260	93	1016066	43.178	ng	99
8) 2-Chlorophenol	7.495	128	659099	41.830	ng	97
9) Benzaldehyde	7.072	77	567406	41.988	ng	97
10) Phenol	7.119	94	1041908	44.140	ng	97
11) bis(2-Chloroethyl)ether	7.354	93	819441	42.603	ng	96
12) 1,3-Dichlorobenzene	7.818	146	797238	40.310	ng	99
13) 1,4-Dichlorobenzene	7.965	146	814428	40.586	ng	98
14) 1,2-Dichlorobenzene	8.282	146	789571	38.266	ng	98
15) Benzyl Alcohol	8.170	79	643630	42.234	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	941754	40.340	ng	99
17) 2-Methylphenol	8.370	107	653029	40.279	ng	96
18) Hexachloroethane	9.011	117	297876	42.338	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	707823	43.441	ng	97
20) 3+4-Methylphenols	8.699	107	980639	44.861	ng	96
22) Acetophenone	8.752	105	1281344	39.943	ng	99
24) Nitrobenzene	9.140	77	1045759	40.818	ng	97
25) Isophorone	9.651	82	1988391	40.062	ng	99
26) 2-Nitrophenol	9.845	139	415025	44.058	ng	96
27) 2,4-Dimethylphenol	9.904	122	514568	41.339	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1219509	40.214	ng	98
29) 2,4-Dichlorophenol	10.380	162	842359	41.761	ng	99
30) 1,2,4-Trichlorobenzene	10.597	180	998954	39.808	ng	95
31) Naphthalene	10.785	128	2437337	39.843	ng	99
32) Benzoic acid	10.045	122	375899	37.130	ng	89
33) 4-Chloroaniline	10.891	127	971740	41.226	ng	98
34) Hexachlorobutadiene	11.067	225	636802	38.954	ng	96
35) Caprolactam	11.672	113	290219	44.671	ng	98
36) 4-Chloro-3-methylphenol	12.019	107	854972	41.723	ng	96
37) 2-Methylnaphthalene	12.395	142	1774009	39.100	ng	97
38) 1-Methylnaphthalene	12.612	142	1779710	39.063	ng	97
40) 1,2,4,5-Tetrachloroben...	12.759	216	1168772	37.455	ng	99
41) Hexachlorocyclopentadiene	12.742	237	403631	38.960	ng	98
43) 2,4,6-Trichlorophenol	13.000	196	783961	39.477	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	895911	40.903	ng		98
46) 1,1'-Biphenyl	13.400	154	2518969	37.981	ng		98
47) 2-Chloronaphthalene	13.447	162	2154622	37.922	ng		99
48) 2-Nitroaniline	13.646	65	630597	44.566	ng		97
49) Acenaphthylene	14.293	152	3089995	39.493	ng		98
50) Dimethylphthalate	14.022	163	2708384	40.337	ng		100
51) 2,6-Dinitrotoluene	14.146	165	628303	43.854	ng		92
52) Acenaphthene	14.633	154	1929213	39.598	ng		98
53) 3-Nitroaniline	14.475	138	581837	44.569	ng		96
54) 2,4-Dinitrophenol	14.680	184	335716	43.086	ng		96
55) Dibenzofuran	14.968	168	3186772	39.184	ng		96
56) 4-Nitrophenol	14.786	139	482242	49.802	ng		98
57) 2,4-Dinitrotoluene	14.933	165	892669	45.436	ng		95
58) Fluorene	15.615	166	2700230	40.092	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	812916	43.706	ng		99
60) Diethylphthalate	15.386	149	2678251	41.549	ng		99
61) 4-Chlorophenyl-phenyle...	15.609	204	1479167	39.868	ng		98
62) 4-Nitroaniline	15.644	138	636100	45.781	ng		97
63) Azobenzene	15.903	77	2657309	40.758	ng		98
65) 4,6-Dinitro-2-methylph...	15.697	198	565010	44.666	ng		95
66) n-Nitrosodiphenylamine	15.826	169	2377078	39.152	ng		98
67) 4-Bromophenyl-phenylether	16.502	248	998757	39.752	ng		98
68) Hexachlorobenzene	16.619	284	1178606	39.630	ng		96
69) Atrazine	16.772	200	867778	37.905	ng		99
70) Pentachlorophenol	16.966	266	779081	48.600	ng		95
71) Phenanthrene	17.360	178	4223985	38.219	ng		97
72) Anthracene	17.448	178	4230585	38.340	ng		97
73) Carbazole	17.724	167	4081230	39.232	ng		98
74) Di-n-butylphthalate	18.276	149	4140010	38.679	ng		96
75) Fluoranthene	19.375	202	4893467	36.863	ng		97
77) Benzidine	19.557	184	1611699	33.240	ng		99
78) Pyrene	19.733	202	5100507	35.787	ng		95
80) Butylbenzylphthalate	20.626	149	2055116	41.912	ng		97
81) Benzo(a)anthracene	21.561	228	5196116	37.607	ng		95
82) 3,3'-Dichlorobenzidine	21.478	252	2141331	40.469	ng		99
83) Chrysene	21.625	228	5028775	37.007	ng		96
84) Bis(2-ethylhexyl)phtha...	21.467	149	2977709	40.187	ng	#	94
85) Di-n-octyl phthalate	22.659	149	4849005	40.384	ng		100
87) Indeno(1,2,3-cd)pyrene	28.359	276	6773417	38.658	ng		99
88) Benzo(b)fluoranthene	23.740	252	5829409	39.159	ng		98
89) Benzo(k)fluoranthene	23.811	252	5662701	38.548	ng		98
90) Benzo(a)pyrene	24.598	252	5248846	39.031	ng		98
91) Dibenzo(a,h)anthracene	28.423	278	5604066	39.164	ng		98
92) Benzo(g,h,i)perylene	29.487	276	5671994	38.676	ng		99

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

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