Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060238.D
Acq On : 4 Jan 2024 10:15
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 04 10:49:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.938	152	212041	20.000	ng		0.00
21) Naphthalene-d8	10.741	136	867151	20.000	ng		0.00
39) Acenaphthene-d10	14.578	164	662815	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	1629750	20.000	ng		0.00
76) Chrysene-d12	21.593	240	1429980	20.000	ng		0.00
86) Perylene-d12	24.772	264	1603068	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.512	112	1092346	77.755	ng		0.00
7) Phenol-d6	7.104	99	1651344	79.167	ng		0.00
23) Nitrobenzene-d5	9.102	82	1741939	92.787	ng		0.00
42) 2,4,6-Tribromophenol	16.070	330	762526	85.943	ng		0.00
45) 2-Fluorobiphenyl	13.197	172	3928356	85.181	ng		0.00
79) Terphenyl-d14	19.948	244	5336687	71.748	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.420	88	226033	36.164	ng		99
3) Pyridine	3.808	79	584427	32.969	ng		99
4) n-Nitrosodimethylamine	3.726	42	240741	36.405	ng		100
6) Aniline	7.269	93	830434	39.736	ng		96
8) 2-Chlorophenol	7.504	128	537450	39.806	ng		98
9) Benzaldehyde	7.081	77	460356	36.708	ng		93
10) Phenol	7.128	94	817468	38.863	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	650113	38.194	ng		97
12) 1,3-Dichlorobenzene	7.827	146	640757	38.445	ng		100
13) 1,4-Dichlorobenzene	7.974	146	652211	38.707	ng		99
14) 1,2-Dichlorobenzene	8.291	146	639855	38.843	ng		97
15) Benzyl Alcohol	8.173	79	535497	41.360	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.467	45	825428	37.786	ng		98
17) 2-Methylphenol	8.379	107	536107	40.703	ng		97
18) Hexachloroethane	9.019	117	219274	41.320	ng		89
19) n-Nitroso-di-n-propyla...	8.743	70	553124	38.816	ng	#	98
20) 3+4-Methylphenols	8.708	107	754437	40.415	ng		97
22) Acetophenone	8.761	105	996278	38.778	ng	#	97
24) Nitrobenzene	9.143	77	785197	40.878	ng		99
25) Isophorone	9.660	82	1538036	39.157	ng		99
26) 2-Nitrophenol	9.854	139	309360	46.155	ng		96
27) 2,4-Dimethylphenol	9.912	122	382476	40.285	ng		96
28) bis(2-Chloroethoxy)met...	10.148	93	893699	38.848	ng		99
29) 2,4-Dichlorophenol	10.388	162	614462	40.950	ng		97
30) 1,2,4-Trichlorobenzene	10.606	180	706343	38.676	ng		98
31) Naphthalene	10.794	128	1813343	39.610	ng		99
32) Benzoic acid	10.042	122	391384	46.528	ng		91
33) 4-Chloroaniline	10.900	127	738953	41.331	ng		97
34) Hexachlorobutadiene	11.076	225	405388	37.322	ng		98
35) Caprolactam	11.675	113	222765	44.630	ng		87
36) 4-Chloro-3-methylphenol	12.028	107	662029	42.871	ng		99
37) 2-Methylnaphthalene	12.404	142	1340773	40.547	ng		97
38) 1-Methylnaphthalene	12.621	142	1360757	40.702	ng		99
40) 1,2,4,5-Tetrachloroben...	12.768	216	805064	37.919	ng		98
41) Hexachlorocyclopentadiene	12.744	237	251745	36.684	ng		97
43) 2,4,6-Trichlorophenol	13.009	196	591739	42.413	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	644013	41.262	ng	99
46) 1,1'-Biphenyl	13.408	154	1893735	38.833	ng	98
47) 2-Chloronaphthalene	13.455	162	1642010	39.521	ng	100
48) 2-Nitroaniline	13.655	65	499664	46.019	ng	98
49) Acenaphthylene	14.301	152	2433746	40.655	ng	99
50) Dimethylphthalate	14.031	163	2038960	39.843	ng	99
51) 2,6-Dinitrotoluene	14.149	165	466828	43.858	ng	95
52) Acenaphthene	14.642	154	1477524	39.553	ng	95
53) 3-Nitroaniline	14.484	138	442438	44.113	ng	97
54) 2,4-Dinitrophenol	14.689	184	245432	43.755	ng	94
55) Dibenzofuran	14.977	168	2433691	38.894	ng	98
56) 4-Nitrophenol	14.789	139	358489	47.286	ng	98
57) 2,4-Dinitrotoluene	14.936	165	652375	45.073	ng	99
58) Fluorene	15.623	166	2042082	39.791	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	563915	41.453	ng	99
60) Diethylphthalate	15.394	149	1971986	40.408	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	1012509	37.889	ng	96
62) 4-Nitroaniline	15.653	138	465416	44.028	ng	98
63) Azobenzene	15.911	77	2054254	40.601	ng	98
65) 4,6-Dinitro-2-methylph...	15.700	198	386650	47.414	ng	93
66) n-Nitrosodiphenylamine	15.835	169	1746553	39.770	ng	97
67) 4-Bromophenyl-phenylether	16.511	248	665917	38.539	ng	98
68) Hexachlorobenzene	16.628	284	781399	38.571	ng	94
69) Atrazine	16.781	200	630363	39.054	ng	97
70) Pentachlorophenol	16.975	266	499022	44.839	ng	98
71) Phenanthrene	17.368	178	3195019	39.662	ng	100
72) Anthracene	17.457	178	3221695	40.262	ng	98
73) Carbazole	17.727	167	3095476	40.787	ng	98
74) Di-n-butylphthalate	18.291	149	3224214	43.839	ng	99
75) Fluoranthene	19.384	202	3747594	39.661	ng	99
77) Benzidine	19.566	184	1592360	40.234	ng	99
78) Pyrene	19.748	202	3861941	40.176	ng	98
80) Butylbenzylphthalate	20.635	149	1460951	51.544	ng	99
81) Benzo(a)anthracene	21.575	228	3682701	40.505	ng	99
82) 3,3'-Dichlorobenzidine	21.493	252	1405462	42.509	ng	99
83) Chrysene	21.640	228	3574757	40.471	ng	99
84) Bis(2-ethylhexyl)phtha...	21.481	149	2127689	49.501	ng	99
85) Di-n-octyl phthalate	22.674	149	3607206	51.269	ng	99
87) Indeno(1,2,3-cd)pyrene	28.391	276	4524285	40.031	ng	99
88) Benzo(b)fluoranthene	23.761	252	3907566	40.562	ng	99
89) Benzo(k)fluoranthene	23.831	252	3792820	39.117	ng	98
90) Benzo(a)pyrene	24.619	252	3530050	40.503	ng	99
91) Dibenzo(a,h)anthracene	28.461	278	3720643	40.066	ng	98
92) Benzo(g,h,i)perylene	29.525	276	3750152	39.869	ng	99

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

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