Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060488.D
Acq On : 30 Jan 2024 18:02
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 31 01:22:15 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	7.924	152	178419	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	775027	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	606036	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	1591405	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1477772	20.000	ng		0.00
86) Perylene-d12	24.739	264	1674706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	832692	76.763	ng		0.00
7) Phenol-d6	7.090	99	1317790	82.040	ng		0.00
23) Nitrobenzene-d5	9.087	82	1369754	83.455	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	824198	92.435	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	3498909	80.269	ng		0.00
79) Terphenyl-d14	19.927	244	5190520	90.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.400	88	221027	44.606	ng		97
3) Pyridine	3.793	79	558744	39.966	ng		90
4) n-Nitrosodimethylamine	3.711	42	150620	34.424	ng		91
6) Aniline	7.254	93	652970	40.670	ng		100
8) 2-Chlorophenol	7.489	128	430693	40.063	ng		96
9) Benzaldehyde	7.060	77	309358	33.553	ng		95
10) Phenol	7.119	94	662998	41.168	ng		98
11) bis(2-Chloroethyl)ether	7.342	93	498105	37.956	ng		95
12) 1,3-Dichlorobenzene	7.812	146	540740	40.073	ng		97
13) 1,4-Dichlorobenzene	7.959	146	537334	39.247	ng		98
14) 1,2-Dichlorobenzene	8.276	146	537439	38.175	ng		100
15) Benzyl Alcohol	8.159	79	449572	43.238	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.447	45	630644	39.593	ng		96
17) 2-Methylphenol	8.364	107	436322	39.445	ng		98
18) Hexachloroethane	9.005	117	187491	39.058	ng		86
19) n-Nitroso-di-n-propyla...	8.729	70	454447	40.878	ng		95
20) 3+4-Methylphenols	8.694	107	648749	43.498	ng		97
22) Acetophenone	8.746	105	853267	40.052	ng		100
24) Nitrobenzene	9.128	77	665747	39.128	ng		98
25) Isophorone	9.645	82	1320821	40.072	ng		99
26) 2-Nitrophenol	9.839	139	291442	46.587	ng	#	93
27) 2,4-Dimethylphenol	9.898	122	350833	42.441	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	763261	37.899	ng		99
29) 2,4-Dichlorophenol	10.374	162	575156	42.936	ng		100
30) 1,2,4-Trichlorobenzene	10.585	180	660671	39.643	ng		95
31) Naphthalene	10.779	128	1607621	39.571	ng		100
32) Benzoic acid	10.057	122	281962	40.617	ng		91
33) 4-Chloroaniline	10.885	127	638913	40.816	ng		98
34) Hexachlorobutadiene	11.055	225	446674	41.144	ng		99
35) Caprolactam	11.672	113	193113	44.759	ng	#	90
36) 4-Chloro-3-methylphenol	12.013	107	608248	44.696	ng		99
37) 2-Methylnaphthalene	12.383	142	1243189	41.260	ng		99
38) 1-Methylnaphthalene	12.607	142	1234851	40.813	ng		97
40) 1,2,4,5-Tetrachloroben...	12.753	216	870683	40.453	ng		97
41) Hexachlorocyclopentadiene	12.730	237	255604	35.769	ng		97
43) 2,4,6-Trichlorophenol	12.994	196	568311	41.490	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	634453	41.995	ng		98
46) 1,1'-Biphenyl	13.394	154	1767352	38.634	ng		100
47) 2-Chloronaphthalene	13.441	162	1512126	38.584	ng		99
48) 2-Nitroaniline	13.647	65	439768	45.059	ng		97
49) Acenaphthylene	14.287	152	2204365	40.846	ng		99
50) Dimethylphthalate	14.017	163	1899437	41.014	ng		99
51) 2,6-Dinitrotoluene	14.140	165	446646	45.197	ng		94
52) Acenaphthene	14.628	154	1326945	39.487	ng		98
53) 3-Nitroaniline	14.475	138	400827	44.514	ng		98
54) 2,4-Dinitrophenol	14.681	184	223578	41.896	ng		95
55) Dibenzofuran	14.963	168	2241104	39.951	ng		98
56) 4-Nitrophenol	14.786	139	308378	46.171	ng		95
57) 2,4-Dinitrotoluene	14.927	165	630262	46.509	ng		93
58) Fluorene	15.609	166	1871506	40.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	576334	44.924	ng		99
60) Diethylphthalate	15.380	149	1860635	41.849	ng		98
61) 4-Chlorophenyl-phenyle...	15.603	204	1053138	41.153	ng		98
62) 4-Nitroaniline	15.638	138	425574	44.406	ng		92
63) Azobenzene	15.897	77	1760065	39.139	ng		98
65) 4,6-Dinitro-2-methylph...	15.691	198	399386	45.364	ng		94
66) n-Nitrosodiphenylamine	15.820	169	1647349	38.985	ng		98
67) 4-Bromophenyl-phenylether	16.496	248	715477	40.916	ng		97
68) Hexachlorobenzene	16.614	284	838762	40.522	ng		98
69) Atrazine	16.766	200	590211	37.042	ng		99
70) Pentachlorophenol	16.960	266	518421	46.466	ng		93
71) Phenanthrene	17.354	178	3035494	39.462	ng		98
72) Anthracene	17.442	178	3060563	39.852	ng		97
73) Carbazole	17.718	167	2846974	39.322	ng		98
74) Di-n-butylphthalate	18.271	149	3027221	40.636	ng		98
75) Fluoranthene	19.369	202	3656173	39.573	ng		93
77) Benzidine	19.551	184	1220441	38.014	ng		99
78) Pyrene	19.734	202	3766017	39.907	ng		94
80) Butylbenzylphthalate	20.615	149	1407317	43.346	ng		96
81) Benzo(a)anthracene	21.555	228	3730359	40.776	ng		97
82) 3,3'-Dichlorobenzidine	21.473	252	1410221	40.251	ng		99
83) Chrysene	21.625	228	3609695	40.118	ng		95
84) Bis(2-ethylhexyl)phtha...	21.455	149	2049947	41.783	ng		99
85) Di-n-octyl phthalate	22.648	149	3459558	43.514	ng		99
87) Indeno(1,2,3-cd)pyrene	28.353	276	4670406	40.109	ng	#	95
88) Benzo(b)fluoranthene	23.735	252	4043205	40.867	ng		97
89) Benzo(k)fluoranthene	23.799	252	3786471	38.784	ng		98
90) Benzo(a)pyrene	24.593	252	3583946	40.101	ng		99
91) Dibenzo(a,h)anthracene	28.406	278	3825184	40.224	ng		99
92) Benzo(g,h,i)perylene	29.475	276	3907003	40.086	ng		98

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

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