Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
Data File : BG052386.D
Acq On : 14 Feb 2022 16:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 14 18:00:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 14 14:37:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.222	152	26791	20.000	ng		0.00
21) Naphthalene-d8	11.065	136	111064	20.000	ng	#	0.00
39) Acenaphthene-d10	14.872	164	84018	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	202684	20.000	ng		0.00
76) Chrysene-d12	21.939	240	205206	20.000	ng		0.00
86) Perylene-d12	25.405	264	212033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.755	112	118703	77.221	ng		0.00
7) Phenol-d6	7.370	99	176973	74.616	ng		0.00
23) Nitrobenzene-d5	9.397	82	187019	73.184	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	89062	73.785	ng		0.00
45) 2-Fluorobiphenyl	13.492	172	434879	71.923	ng		0.00
79) Terphenyl-d14	20.212	244	855444	73.614	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.581	88	26658	37.662	ng		90
3) Pyridine	3.993	79	77187	37.600	ng		95
4) n-Nitrosodimethylamine	3.899	42	37851	35.709	ng		88
6) Aniline	7.535	93	101289	36.758	ng		97
8) 2-Chlorophenol	7.788	128	63309	37.438	ng		97
9) Benzaldehyde	7.347	77	50076	34.394	ng		98
10) Phenol	7.394	94	88795	37.680	ng		96
11) bis(2-Chloroethyl)ether	7.623	93	64985	36.077	ng		93
12) 1,3-Dichlorobenzene	8.111	146	71932	37.334	ng		97
13) 1,4-Dichlorobenzene	8.263	146	72346	36.833	ng		97
14) 1,2-Dichlorobenzene	8.586	146	69691	35.977	ng		91
15) Benzyl Alcohol	8.457	79	72202	36.679	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.751	45	92179	35.438	ng		98
17) 2-Methylphenol	8.663	107	58473	37.602	ng		94
18) Hexachloroethane	9.327	117	25457	37.274	ng		92
19) n-Nitroso-di-n-propyla...	9.027	70	62548	34.981	ng		92
20) 3+4-Methylphenols	8.992	107	81298	36.542	ng		94
22) Acetophenone	9.050	105	108608	37.000	ng	#	93
24) Nitrobenzene	9.438	77	87309	36.018	ng		91
25) Isophorone	9.967	82	158723	36.504	ng		98
26) 2-Nitrophenol	10.161	139	39259	38.210	ng		94
27) 2,4-Dimethylphenol	10.214	122	58140	38.219	ng		94
28) bis(2-Chloroethoxy)met...	10.443	93	91123	36.927	ng		98
29) 2,4-Dichlorophenol	10.707	162	67953	37.267	ng		97
30) 1,2,4-Trichlorobenzene	10.924	180	80178	37.656	ng		98
31) Naphthalene	11.112	128	213860	36.730	ng		98
32) Benzoic acid	10.343	122	32890m	36.811	ng		
33) 4-Chloroaniline	11.212	127	92061	37.871	ng		99
34) Hexachlorobutadiene	11.400	225	53275	37.049	ng		96
35) Caprolactam	11.970	113	25763	38.771	ng		94
36) 4-Chloro-3-methylphenol	12.328	107	79403	38.277	ng		94
37) 2-Methylnaphthalene	12.710	142	160015	37.001	ng		98
38) 1-Methylnaphthalene	12.928	142	154795	36.939	ng		100
40) 1,2,4,5-Tetrachloroben...	13.074	216	98610	35.683	ng		99
41) Hexachlorocyclopentadiene	13.057	237	49844	42.719	ng		98
43) 2,4,6-Trichlorophenol	13.309	196	67659	37.435	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.386	196	71286	36.396	ng		97
46) 1,1'-Biphenyl	13.703	154	221982	36.031	ng		99
47) 2-Chloronaphthalene	13.750	162	170562	35.934	ng		98
48) 2-Nitroaniline	13.944	65	62389	36.920	ng		96
49) Acenaphthylene	14.596	152	278092	35.991	ng		97
50) Dimethylphthalate	14.308	163	232644	36.146	ng		100
51) 2,6-Dinitrotoluene	14.431	165	51549	37.115	ng		92
52) Acenaphthene	14.937	154	181931m	35.953	ng		
53) 3-Nitroaniline	14.766	138	54531	37.773	ng		97
54) 2,4-Dinitrophenol	14.972	184	26006	34.534	ng		97
55) Dibenzofuran	15.266	168	285835	35.918	ng		98
56) 4-Nitrophenol	15.072	139	40422	37.284	ng		86
57) 2,4-Dinitrotoluene	15.219	165	75049	37.965	ng	#	92
58) Fluorene	15.918	166	231121	36.381	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.495	232	67393	36.018	ng		99
60) Diethylphthalate	15.665	149	240023	36.917	ng		98
61) 4-Chlorophenyl-phenyle...	15.900	204	129959	35.912	ng		99
62) 4-Nitroaniline	15.924	138	57734	37.988	ng		89
63) Azobenzene	16.194	77	237711	35.714	ng		95
65) 4,6-Dinitro-2-methylph...	15.988	198	47193	38.706	ng		92
66) n-Nitrosodiphenylamine	16.112	169	206135	36.912	ng		98
67) 4-Bromophenyl-phenylether	16.799	248	91048	36.939	ng		93
68) Hexachlorobenzene	16.928	284	98586	36.877	ng		93
69) Atrazine	17.051	200	84633	37.486	ng		98
70) Pentachlorophenol	17.269	266	47586	36.384	ng		98
71) Phenanthrene	17.662	178	385001	36.847	ng		98
72) Anthracene	17.756	178	377181	36.838	ng		99
73) Carbazole	18.021	167	379122	37.965	ng		97
74) Di-n-butylphthalate	18.561	149	422951	38.873	ng		99
75) Fluoranthene	19.666	202	499733	37.561	ng		100
77) Benzidine	19.830	184	191503	43.674	ng		99
78) Pyrene	20.030	202	500352	36.439	ng		98
80) Butylbenzylphthalate	20.893	149	190636	39.969	ng		96
81) Benzo(a)anthracene	21.915	228	511555	37.672	ng		100
82) 3,3'-Dichlorobenzidine	21.816	252	178026	37.554	ng		98
83) Chrysene	21.986	228	480223	37.320	ng		100
84) Bis(2-ethylhexyl)phtha...	21.792	149	262470	39.686	ng		98
85) Di-n-octyl phthalate	23.084	149	439658	39.650	ng		95
87) Indeno(1,2,3-cd)pyrene	29.411	276	586518	37.801	ng		99
88) Benzo(b)fluoranthene	24.295	252	500184	37.856	ng		98
89) Benzo(k)fluoranthene	24.371	252	492704	37.748	ng		98
90) Benzo(a)pyrene	25.240	252	419787	37.611	ng		99
91) Dibenzo(a,h)anthracene	29.470	278	483056	37.687	ng	#	95
92) Benzo(g,h,i)perylene	30.662	276	472157	37.535	ng		97

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

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