Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054683.D
Acq On : 22 Aug 2022 15:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Aug 23 00:17:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 00:12:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.158	152	48063	20.000	ng		0.00
21) Naphthalene-d8	10.984	136	197702	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	123536	20.000	ng		0.00
64) Phenanthrene-d10	17.536	188	270721	20.000	ng		0.00
76) Chrysene-d12	21.825	240	247261	20.000	ng		0.00
86) Perylene-d12	25.197	264	246690	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	23845	8.983	ng		0.00
7) Phenol-d6	7.295	99	33742	9.090	ng		0.00
23) Nitrobenzene-d5	9.328	82	31013	9.057	ng		0.00
42) 2,4,6-Tribromophenol	16.266	330	7056	5.470	ng		0.00
45) 2-Fluorobiphenyl	13.417	172	89112	11.299	ng		0.00
79) Terphenyl-d14	20.133	244	131205	11.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	7305	5.636	ng		89
3) Pyridine	3.957	79	17866	5.131	ng		96
4) n-Nitrosodimethylamine	3.869	42	7876	5.081	ng	#	94
6) Aniline	7.477	93	22130	4.974	ng		99
8) 2-Chlorophenol	7.718	128	12349	4.289	ng		97
9) Benzaldehyde	7.289	77	14165	6.333	ng		98
10) Phenol	7.318	94	17868	4.738	ng		97
11) bis(2-Chloroethyl)ether	7.571	93	16404	5.395	ng		98
12) 1,3-Dichlorobenzene	8.047	146	17948	5.314	ng		99
13) 1,4-Dichlorobenzene	8.194	146	18428	5.406	ng		98
14) 1,2-Dichlorobenzene	8.517	146	17602	5.447	ng		100
15) Benzyl Alcohol	8.387	79	11212	4.248	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.681	45	25162	5.307	ng		98
17) 2-Methylphenol	8.587	107	11463	4.441	ng		93
18) Hexachloroethane	9.257	117	5648	4.732	ng		92
19) n-Nitroso-di-n-propyla...	8.957	70	12713	5.215	ng		98
20) 3+4-Methylphenols	8.916	107	14917	4.184	ng		95
22) Acetophenone	8.981	105	25091	5.260	ng		99
24) Nitrobenzene	9.369	77	16188	4.654	ng	#	92
25) Isophorone	9.892	82	30608	4.654	ng		98
26) 2-Nitrophenol	10.085	139	3688	3.017	ng		93
27) 2,4-Dimethylphenol	10.132	122	10276	3.931	ng		93
28) bis(2-Chloroethoxy)met...	10.373	93	18814	4.980	ng		100
29) 2,4-Dichlorophenol	10.614	162	10186	3.642	ng		99
30) 1,2,4-Trichlorobenzene	10.838	180	17158	5.128	ng		98
31) Naphthalene	11.037	128	54655	5.378	ng		98
33) 4-Chloroaniline	11.137	127	19787	4.782	ng		99
34) Hexachlorobutadiene	11.313	225	10485	4.878	ng		95
36) 4-Chloro-3-methylphenol	12.236	107	10760	3.615	ng		96
37) 2-Methylnaphthalene	12.630	142	36675	5.205	ng		96
38) 1-Methylnaphthalene	12.847	142	35830	5.226	ng		98
40) 1,2,4,5-Tetrachloroben...	12.988	216	19298	5.355	ng		99
41) Hexachlorocyclopentadiene	12.964	237	6246	3.276	ng		91
43) 2,4,6-Trichlorophenol	13.223	196	7065	3.125	ng		98
44) 2,4,5-Trichlorophenol	13.293	196	8485	3.353	ng		95
46) 1,1'-Biphenyl	13.622	154	48650	5.553	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.669	162	37124	5.575	ng		99
48) 2-Nitroaniline	13.869	65	5169	2.803	ng		91
49) Acenaphthylene	14.516	152	60180	5.499	ng		97
50) Dimethylphthalate	14.234	163	37139	4.262	ng		98
51) 2,6-Dinitrotoluene	14.351	165	5410	3.277	ng		95
52) Acenaphthene	14.850	154	35174	5.103	ng		96
53) 3-Nitroaniline	14.686	138	6144	3.249	ng		98
55) Dibenzofuran	15.185	168	56451	5.489	ng		98
57) 2,4-Dinitrotoluene	15.132	165	6107	2.757	ng	#	95
58) Fluorene	15.832	166	45847	5.332	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.403	232	6468	2.891	ng	#	96
60) Diethylphthalate	15.591	149	34854	4.055	ng		100
61) 4-Chlorophenyl-phenyle...	15.820	204	22249	5.231	ng		100
62) 4-Nitroaniline	15.838	138	7571	3.841	ng		97
63) Azobenzene	16.114	77	45155	5.457	ng		99
66) n-Nitrosodiphenylamine	16.031	169	37178	5.023	ng		97
67) 4-Bromophenyl-phenylether	16.719	248	13056	4.759	ng		97
68) Hexachlorobenzene	16.830	284	16595	5.199	ng		95
69) Atrazine	16.971	200	9337	3.972	ng		97
71) Phenanthrene	17.577	178	74719	5.428	ng		99
72) Anthracene	17.665	178	71393	5.322	ng		98
73) Carbazole	17.929	167	58890	4.828	ng		99
74) Di-n-butylphthalate	18.482	149	52425	3.640	ng		99
75) Fluoranthene	19.580	202	83846	5.044	ng		98
77) Benzidine	19.756	184	28173	6.077	ng		98
78) Pyrene	19.939	202	87235	5.372	ng		98
80) Butylbenzylphthalate	20.820	149	14298	2.452	ng		95
81) Benzo(a)anthracene	21.807	228	81675	5.107	ng		97
82) 3,3'-Dichlorobenzidine	21.713	252	20143	4.393	ng		96
83) Chrysene	21.872	228	78004	5.156	ng		97
84) Bis(2-ethylhexyl)phtha...	21.701	149	24494	2.859	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.057	276	83757	4.644	ng		99
88) Benzo(b)fluoranthene	24.116	252	71530	4.815	ng		98
89) Benzo(k)fluoranthene	24.187	252	76810	5.140	ng		97
90) Benzo(a)pyrene	25.033	252	61309	4.859	ng		96
91) Dibenzo(a,h)anthracene	29.140	278	70524	4.752	ng		96
92) Benzo(g,h,i)perylene	30.274	276	67257	4.570	ng		97

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

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