Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
Data File : BG055190.D
Acq On : 17 Oct 2022 11:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 16:32:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.300	152	23834	20.000	ng		0.00
21) Naphthalene-d8	11.132	136	107164	20.000	ng		0.00
39) Acenaphthene-d10	14.915	164	87545	20.000	ng		0.00
64) Phenanthrene-d10	17.647	188	221297	20.000	ng		0.00
76) Chrysene-d12	21.936	240	196374	20.000	ng		0.01
86) Perylene-d12	25.362	264	214188	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.820	112	97249	79.829	ng		0.00
7) Phenol-d6	7.436	99	144295	80.072	ng		0.00
23) Nitrobenzene-d5	9.475	82	155590	77.857	ng		0.00
42) 2,4,6-Tribromophenol	16.396	330	107193	85.215	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	428748	80.003	ng		0.00
79) Terphenyl-d14	20.221	244	819166	84.014	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.634	88	18660	36.199	ng		97
3) Pyridine	4.052	79	63646	39.155	ng		99
4) n-Nitrosodimethylamine	3.963	42	31904	36.988	ng		96
6) Aniline	7.612	93	92962	40.173	ng		98
8) 2-Chlorophenol	7.859	128	62302	41.939	ng		98
9) Benzaldehyde	7.424	77	41989	34.646	ng		94
10) Phenol	7.465	94	79112	39.515	ng		99
11) bis(2-Chloroethyl)ether	7.706	93	56230	39.708	ng		92
12) 1,3-Dichlorobenzene	8.188	146	68904	39.908	ng		96
13) 1,4-Dichlorobenzene	8.335	146	70066	40.194	ng		97
14) 1,2-Dichlorobenzene	8.664	146	67708	40.559	ng		98
15) Benzyl Alcohol	8.535	79	65295	40.529	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.822	45	85249	36.012	ng		95
17) 2-Methylphenol	8.734	107	58392	40.537	ng		96
18) Hexachloroethane	9.398	117	23184	39.232	ng		96
19) n-Nitroso-di-n-propyla...	9.104	70	56971	39.173	ng	#	97
20) 3+4-Methylphenols	9.063	107	84068	40.676	ng		97
22) Acetophenone	9.128	105	105583	39.792	ng	#	98
24) Nitrobenzene	9.516	77	81315	39.330	ng		97
25) Isophorone	10.039	82	154467	39.801	ng		99
26) 2-Nitrophenol	10.233	139	41195	42.054	ng		93
27) 2,4-Dimethylphenol	10.280	122	61554	41.318	ng		97
28) bis(2-Chloroethoxy)met...	10.515	93	75603	39.308	ng		100
29) 2,4-Dichlorophenol	10.773	162	74346	41.756	ng		98
30) 1,2,4-Trichlorobenzene	10.991	180	79776	41.537	ng		97
31) Naphthalene	11.184	128	228545	40.552	ng		99
32) Benzoic acid	10.409	122	35392m	29.761	ng		
33) 4-Chloroaniline	11.278	127	101932	42.077	ng		97
34) Hexachlorobutadiene	11.461	225	49944	40.783	ng		98
35) Caprolactam	12.054	113	29354	40.132	ng		98
36) 4-Chloro-3-methylphenol	12.377	107	84036	41.854	ng		96
37) 2-Methylnaphthalene	12.765	142	172638	40.906	ng		100
38) 1-Methylnaphthalene	12.982	142	169643	41.200	ng		99
40) 1,2,4,5-Tetrachloroben...	13.123	216	100853	40.844	ng		99
41) Hexachlorocyclopentadiene	13.100	237	46334	37.554	ng		98
43) 2,4,6-Trichlorophenol	13.358	196	72687	40.501	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	81785	41.067	ng	98
46) 1,1'-Biphenyl	13.752	154	232844	40.061	ng	99
47) 2-Chloronaphthalene	13.805	162	191545	40.741	ng	97
48) 2-Nitroaniline	13.993	65	65904	39.291	ng	98
49) Acenaphthylene	14.639	152	320035	40.549	ng	99
50) Dimethylphthalate	14.357	163	287522	40.858	ng	100
51) 2,6-Dinitrotoluene	14.481	165	60465	41.753	ng	93
52) Acenaphthene	14.980	154	204244	40.003	ng	99
53) 3-Nitroaniline	14.810	138	67779	40.369	ng	99
54) 2,4-Dinitrophenol	15.015	184	32087	36.424	ng	86
55) Dibenzofuran	15.309	168	325557	40.869	ng	98
56) 4-Nitrophenol	15.103	139	49408	37.790	ng	99
57) 2,4-Dinitrotoluene	15.262	165	89683	42.282	ng	96
58) Fluorene	15.955	166	265009	40.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.526	232	77949	39.664	ng	97
60) Diethylphthalate	15.703	149	303344	40.924	ng	99
61) 4-Chlorophenyl-phenyle...	15.938	204	144853	41.361	ng	98
62) 4-Nitroaniline	15.967	138	72303	39.888	ng	97
63) Azobenzene	16.231	77	245608	39.030	ng	96
65) 4,6-Dinitro-2-methylph...	16.026	198	54181	41.654	ng	93
66) n-Nitrosodiphenylamine	16.149	169	238760	40.897	ng	99
67) 4-Bromophenyl-phenylether	16.831	248	103800	43.027	ng	94
68) Hexachlorobenzene	16.954	284	119292	43.023	ng	97
69) Atrazine	17.083	200	94503	41.059	ng	99
70) Pentachlorophenol	17.295	266	56226	34.035	ng	97
71) Phenanthrene	17.689	178	467918	40.764	ng	100
72) Anthracene	17.783	178	455931	40.644	ng	100
73) Carbazole	18.047	167	417830	40.004	ng	99
74) Di-n-butylphthalate	18.576	149	499656	38.860	ng	100
75) Fluoranthene	19.680	202	538712	37.544	ng	99
77) Benzidine	19.845	184	171642	38.977	ng	99
78) Pyrene	20.039	202	540844	41.315	ng	99
80) Butylbenzylphthalate	20.902	149	200568	39.912	ng	97
81) Benzo(a)anthracene	21.913	228	511178	40.685	ng	99
82) 3,3'-Dichlorobenzidine	21.813	252	176205	40.864	ng	99
83) Chrysene	21.989	228	487798	41.156	ng	98
84) Bis(2-ethylhexyl)phtha...	21.790	149	277596	38.779	ng	99
85) Di-n-octyl phthalate	23.065	149	473046	39.637	ng	97
87) Indeno(1,2,3-cd)pyrene	29.328	276	652965	41.155	ng	99
88) Benzo(b)fluoranthene	24.269	252	518786	40.638	ng	98
89) Benzo(k)fluoranthene	24.340	252	515902	40.223	ng	99
90) Benzo(a)pyrene	25.197	252	440246	40.329	ng	99
91) Dibenzo(a,h)anthracene	29.375	278	550592	41.937	ng	99
92) Benzo(g,h,i)perylene	30.562	276	531851	41.354	ng	97

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

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