Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054923.D
Acq On : 13 Sep 2022 15:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 14 03:18:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 10 01:53:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/14/2022
Supervised By :Jagrut Upadhyay 09/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.137	152	39841	20.000	ng		0.00
21) Naphthalene-d8	10.963	136	151379	20.000	ng	#	0.00
39) Acenaphthene-d10	14.776	164	101309	20.000	ng		0.00
64) Phenanthrene-d10	17.526	188	228821	20.000	ng		0.00
76) Chrysene-d12	21.821	240	220875	20.000	ng		0.00
86) Perylene-d12	25.194	264	243650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	191306	83.616	ng		0.00
7) Phenol-d6	7.297	99	261102	83.448	ng		0.00
23) Nitrobenzene-d5	9.312	82	238947	82.864	ng		0.00
42) 2,4,6-Tribromophenol	16.269	330	119837	94.664	ng		0.00
45) 2-Fluorobiphenyl	13.401	172	595499	88.348	ng		0.00
79) Terphenyl-d14	20.123	244	957036	85.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.513	88	40699	37.253	ng		92
3) Pyridine	3.924	79	117585	38.587	ng		91
4) n-Nitrosodimethylamine	3.842	42	44535	33.809	ng		85
6) Aniline	7.455	93	152725	41.082	ng		95
8) 2-Chlorophenol	7.702	128	106741	42.702	ng		95
9) Benzaldehyde	7.267	77	75535	36.833	ng		95
10) Phenol	7.320	94	132158	41.071	ng		96
11) bis(2-Chloroethyl)ether	7.549	93	101855	39.358	ng		93
12) 1,3-Dichlorobenzene	8.025	146	122103	42.210	ng		98
13) 1,4-Dichlorobenzene	8.172	146	124419	42.641	ng		98
14) 1,2-Dichlorobenzene	8.495	146	116777	42.207	ng		98
15) Benzyl Alcohol	8.378	79	91180	40.337	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.654	45	129412	31.958	ng		95
17) 2-Methylphenol	8.584	107	92734	41.858	ng		96
18) Hexachloroethane	9.224	117	42883	40.530	ng		96
19) n-Nitroso-di-n-propyla...	8.942	70	82294	38.247	ng	#	91
20) 3+4-Methylphenols	8.913	107	130315	42.418	ng		95
22) Acetophenone	8.965	105	160176	42.294	ng	#	97
24) Nitrobenzene	9.359	77	117773	40.521	ng		94
25) Isophorone	9.876	82	218952	40.722	ng		97
26) 2-Nitrophenol	10.070	139	63924	49.790	ng		99
27) 2,4-Dimethylphenol	10.123	122	89118	43.810	ng		97
28) bis(2-Chloroethoxy)met...	10.352	93	125696	41.026	ng		99
29) 2,4-Dichlorophenol	10.616	162	108103	46.723	ng		97
30) 1,2,4-Trichlorobenzene	10.822	180	121340	45.891	ng		97
31) Naphthalene	11.016	128	354982	43.707	ng		99
32) Benzoic acid	10.323	122	23221m	21.194	ng		
33) 4-Chloroaniline	11.122	127	144862	43.750	ng		97
34) Hexachlorobutadiene	11.286	225	80677	47.623	ng		96
35) Caprolactam	11.903	113	35647	43.670	ng	#	78
36) 4-Chloro-3-methylphenol	12.244	107	110552	43.694	ng		99
37) 2-Methylnaphthalene	12.614	142	250349	43.979	ng		97
38) 1-Methylnaphthalene	12.832	142	241821	43.663	ng		98
40) 1,2,4,5-Tetrachloroben...	12.978	216	140114	45.880	ng		99
41) Hexachlorocyclopentadiene	12.949	237	100278	61.916	ng		99
43) 2,4,6-Trichlorophenol	13.219	196	88246	43.535	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.296	196	98028	43.062	ng		97
46)	1,1'-Biphenyl	13.613	154	322750	42.900	ng		97
47)	2-Chloronaphthalene	13.660	162	248420	43.479	ng		97
48)	2-Nitroaniline	13.866	65	72081	40.255	ng		87
49)	Acenaphthylene	14.500	152	407774	43.249	ng		99
50)	Dimethylphthalate	14.224	163	332379	42.586	ng		100
51)	2,6-Dinitrotoluene	14.353	165	71890	45.032	ng	#	81
52)	Acenaphthene	14.841	154	263545m	43.515	ng		
53)	3-Nitroaniline	14.688	138	78800	44.094	ng		89
54)	2,4-Dinitrophenol	14.900	184	36288	43.604	ng		99
55)	Dibenzofuran	15.176	168	385877	43.360	ng		98
56)	4-Nitrophenol	15.000	139	54036	39.072	ng		91
57)	2,4-Dinitrotoluene	15.141	165	102972	46.633	ng	#	80
58)	Fluorene	15.822	166	325831	43.461	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.405	232	86028	41.923	ng		94
60)	Diethylphthalate	15.575	149	321777	41.287	ng		97
61)	4-Chlorophenyl-phenyle...	15.805	204	165566	44.766	ng		97
62)	4-Nitroaniline	15.852	138	80083	43.891	ng		93
63)	Azobenzene	16.098	77	277373	37.448	ng		94
65)	4,6-Dinitro-2-methylph...	15.904	198	56980	48.920	ng		91
66)	n-Nitrosodiphenylamine	16.022	169	288147	43.667	ng		99
67)	4-Bromophenyl-phenylether	16.703	248	116860	46.516	ng		96
68)	Hexachlorobenzene	16.827	284	132778	47.014	ng		94
69)	Atrazine	16.968	200	102224	43.911	ng		98
70)	Pentachlorophenol	17.179	266	65316	42.565	ng		98
71)	Phenanthrene	17.567	178	526083	43.159	ng		100
72)	Anthracene	17.661	178	518100	43.718	ng		99
73)	Carbazole	17.931	167	468276	42.887	ng		99
74)	Di-n-butylphthalate	18.466	149	574864	41.606	ng		99
75)	Fluoranthene	19.577	202	643714	43.411	ng		98
77)	Benzidine	19.753	184	219009	40.032	ng		99
78)	Pyrene	19.935	202	652081	42.339	ng		100
80)	Butylbenzylphthalate	20.805	149	258902	40.301	ng		92
81)	Benzo(a)anthracene	21.797	228	642277	42.887	ng		99
82)	3,3'-Dichlorobenzidine	21.709	252	245871	46.827	ng		97
83)	Chrysene	21.868	228	619526	43.266	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.674	149	377943	40.834	ng		99
85)	Di-n-octyl phthalate	22.931	149	651209	41.488	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	29.101	276	819565	44.308	ng	#	95
88)	Benzo(b)fluoranthene	24.118	252	658342	43.073	ng		98
89)	Benzo(k)fluoranthene	24.189	252	660034	42.909	ng		98
90)	Benzo(a)pyrene	25.041	252	567036	43.423	ng		98
91)	Dibenzo(a,h)anthracene	29.165	278	671826	44.582	ng		97
92)	Benzo(g,h,i)perylene	30.323	276	670794	44.062	ng		95

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

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