Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055143.D
Acq On : 12 Oct 2022 16:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 13 04:24:37 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 04:19:34 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.303	152	26440	20.000	ng		0.00
21) Naphthalene-d8	11.135	136	114547	20.000	ng		0.00
39) Acenaphthene-d10	14.913	164	84533	20.000	ng		0.00
64) Phenanthrene-d10	17.645	188	232240	20.000	ng		0.00
76) Chrysene-d12	21.922	240	266466	20.000	ng		0.00
86) Perylene-d12	25.342	264	278512	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.818	112	13345	11.211	ng		0.00
7) Phenol-d6	7.427	99	19707	11.049	ng		0.00
23) Nitrobenzene-d5	9.472	82	21288	11.105	ng		0.00
42) 2,4,6-Tribromophenol	16.388	330	12015	16.018	ng		0.00
45) 2-Fluorobiphenyl	13.538	172	55074	10.171	ng		0.00
79) Terphenyl-d14	20.212	244	140521	10.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.644	88	3049	4.527	ng		95
3) Pyridine	4.067	79	8694m	4.293	ng		
4) n-Nitrosodimethylamine	3.973	42	4823	4.164	ng	#	93
6) Aniline	7.610	93	12525	4.800	ng		96
8) 2-Chlorophenol	7.856	128	8008	5.849	ng		99
9) Benzaldehyde	7.422	77	7807	5.449	ng		96
10) Phenol	7.457	94	10826	5.341	ng		97
11) bis(2-Chloroethyl)ether	7.704	93	7850	4.726	ng		91
12) 1,3-Dichlorobenzene	8.191	146	10056	5.336	ng		98
13) 1,4-Dichlorobenzene	8.338	146	9838	5.158	ng		98
14) 1,2-Dichlorobenzene	8.661	146	9415	5.081	ng		95
15) Benzyl Alcohol	8.532	79	8401	5.244	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.826	45	13356	4.245	ng		97
17) 2-Methylphenol	8.726	107	7513	5.261	ng		91
18) Hexachloroethane	9.402	117	3225	5.332	ng		93
19) n-Nitroso-di-n-propyla...	9.102	70	7720	4.468	ng		97
20) 3+4-Methylphenols	9.055	107	10730	5.396	ng		95
22) Acetophenone	9.125	105	14320	4.930	ng	#	96
24) Nitrobenzene	9.513	77	11365	5.460	ng		95
25) Isophorone	10.036	82	20274	4.976	ng		97
26) 2-Nitrophenol	10.236	139	4704	7.740	ng		99
27) 2,4-Dimethylphenol	10.271	122	7626	5.460	ng		91
28) bis(2-Chloroethoxy)met...	10.512	93	10120	4.854	ng		91
29) 2,4-Dichlorophenol	10.765	162	8730	5.880	ng		96
30) 1,2,4-Trichlorobenzene	10.988	180	10401	5.199	ng		92
31) Naphthalene	11.182	128	30099	4.979	ng		97
33) 4-Chloroaniline	11.282	127	12274	4.910	ng		96
34) Hexachlorobutadiene	11.464	225	6612	5.097	ng		93
35) Caprolactam	12.016	113	4223	7.772	ng		90
36) 4-Chloro-3-methylphenol	12.369	107	9700	5.528	ng		98
37) 2-Methylnaphthalene	12.762	142	21795	4.892	ng		98
38) 1-Methylnaphthalene	12.980	142	21206	4.893	ng		100
40) 1,2,4,5-Tetrachloroben...	13.121	216	12527	5.075	ng		97
41) Hexachlorocyclopentadiene	13.103	237	5246	4.936	ng		99
43) 2,4,6-Trichlorophenol	13.356	196	8424m	6.791	ng		
44) 2,4,5-Trichlorophenol	13.420	196	9104	6.298	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.749	154	28859	4.979	ng		97
47)	2-Chloronaphthalene	13.796	162	23202	4.968	ng		95
48)	2-Nitroaniline	13.984	65	7781	7.083	ng		88
49)	Acenaphthylene	14.637	152	38568	4.987	ng		98
50)	Dimethylphthalate	14.349	163	36137	6.298	ng		99
51)	2,6-Dinitrotoluene	14.466	165	6679	6.455	ng		91
52)	Acenaphthene	14.977	154	23661	4.927	ng		99
53)	3-Nitroaniline	14.801	138	8050	6.563	ng		97
55)	Dibenzofuran	15.306	168	39590	5.167	ng		98
56)	4-Nitrophenol	15.083	139	5812	6.266	ng		94
57)	2,4-Dinitrotoluene	15.248	165	9720	6.834	ng		93
58)	Fluorene	15.947	166	33023	5.386	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.518	232	8932	6.593	ng	#	98
60)	Diethylphthalate	15.700	149	38771	6.549	ng		99
61)	4-Chlorophenyl-phenyle...	15.935	204	17323	5.198	ng		95
62)	4-Nitroaniline	15.947	138	9870	7.151	ng		85
63)	Azobenzene	16.223	77	31150	4.672	ng		100
65)	4,6-Dinitro-2-methylph...	16.012	198	5372	6.206	ng		96
66)	n-Nitrosodiphenylamine	16.141	169	29974	4.956	ng		98
67)	4-Bromophenyl-phenylether	16.828	248	11460	4.666	ng		93
68)	Hexachlorobenzene	16.946	284	14217	5.007	ng		98
69)	Atrazine	17.075	200	15145	7.686	ng		98
70)	Pentachlorophenol	17.286	266	7056	5.189	ng		98
71)	Phenanthrene	17.686	178	62421	5.117	ng		97
72)	Anthracene	17.774	178	61138	5.153	ng		96
73)	Carbazole	18.033	167	60079	5.769	ng		99
74)	Di-n-butylphthalate	18.579	149	78406	7.212	ng		99
75)	Fluoranthene	19.672	202	88332	5.804	ng		100
77)	Benzidine	19.836	184	41022	8.936	ng		98
78)	Pyrene	20.030	202	90139	5.087	ng		98
80)	Butylbenzylphthalate	20.894	149	33644	7.147	ng		97
81)	Benzo(a)anthracene	21.905	228	87775	5.185	ng		99
82)	3,3'-Dichlorobenzidine	21.805	252	30080	6.113	ng		96
83)	Chrysene	21.969	228	83005	5.088	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.781	149	50883	7.085	ng		98
85)	Di-n-octyl phthalate	23.062	149	82065	6.848	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.255	276	105043	5.226	ng		100
88)	Benzo(b)fluoranthene	24.243	252	84304	5.137	ng		98
89)	Benzo(k)fluoranthene	24.314	252	86682	5.243	ng		97
90)	Benzo(a)pyrene	25.171	252	72269	5.138	ng		98
91)	Dibenzo(a,h)anthracene	29.319	278	86786	5.315	ng		98
92)	Benzo(g,h,i)perylene	30.495	276	85113	5.193	ng		96

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

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