Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055396.D
Acq On : 1 Nov 2022 16:21
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 02 04:11:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 04:08:03 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.244	152	29642	20.000	ng		0.00
21) Naphthalene-d8	11.076	136	128591	20.000	ng		0.00
39) Acenaphthene-d10	14.860	164	92937	20.000	ng		0.00
64) Phenanthrene-d10	17.592	188	221947	20.000	ng		0.00
76) Chrysene-d12	21.870	240	221373	20.000	ng		0.00
86) Perylene-d12	25.242	264	246617	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.765	112	65389	38.626	ng		0.00
7) Phenol-d6	7.387	99	91444	37.284	ng		0.00
23) Nitrobenzene-d5	9.420	82	94592	37.562	ng		0.00
42) 2,4,6-Tribromophenol	16.341	330	51357	50.833	ng		0.00
45) 2-Fluorobiphenyl	13.485	172	251969	44.375	ng		0.00
79) Terphenyl-d14	20.166	244	459617	43.137	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	14607	17.870	ng		98
3) Pyridine	3.997	79	43652	17.734	ng		98
4) n-Nitrosodimethylamine	3.902	42	17034	15.576	ng		99
6) Aniline	7.557	93	57999	18.064	ng		99
8) 2-Chlorophenol	7.804	128	39591	20.116	ng		99
9) Benzaldehyde	7.375	77	26880	16.052	ng		99
10) Phenol	7.416	94	51537	18.760	ng		99
11) bis(2-Chloroethyl)ether	7.651	93	39254	18.929	ng		97
12) 1,3-Dichlorobenzene	8.133	146	45238	21.066	ng		99
13) 1,4-Dichlorobenzene	8.280	146	46306	21.112	ng		99
14) 1,2-Dichlorobenzene	8.603	146	44630	21.133	ng		98
15) Benzyl Alcohol	8.479	79	35595	17.343	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.767	45	52415	15.444	ng		97
17) 2-Methylphenol	8.685	107	37290	19.193	ng		99
18) Hexachloroethane	9.343	117	16023	20.515	ng		93
19) n-Nitroso-di-n-propyla...	9.044	70	35313	17.339	ng		98
20) 3+4-Methylphenols	9.014	107	51997	18.686	ng		98
22) Acetophenone	9.073	105	66147	20.121	ng	#	100
24) Nitrobenzene	9.461	77	49425	18.849	ng		97
25) Isophorone	9.984	82	92791	18.243	ng		99
26) 2-Nitrophenol	10.178	139	25398	22.118	ng		99
27) 2,4-Dimethylphenol	10.225	122	35767	19.952	ng		97
28) bis(2-Chloroethoxy)met...	10.460	93	50070	19.496	ng		99
29) 2,4-Dichlorophenol	10.718	162	43299	22.515	ng		95
30) 1,2,4-Trichlorobenzene	10.935	180	47633	24.269	ng		99
31) Naphthalene	11.123	128	143881	20.974	ng		99
32) Benzoic acid	10.371	122	16532m	13.277	ng		
33) 4-Chloroaniline	11.229	127	58998	20.117	ng		99
34) Hexachlorobutadiene	11.400	225	29965	26.720	ng		98
35) Caprolactam	11.993	113	16357	18.327	ng		92
36) 4-Chloro-3-methylphenol	12.334	107	46879	19.373	ng		99
37) 2-Methylnaphthalene	12.710	142	104671	21.163	ng		99
38) 1-Methylnaphthalene	12.927	142	102706	21.049	ng		98
40) 1,2,4,5-Tetrachloroben...	13.068	216	54530	24.327	ng		99
41) Hexachlorocyclopentadiene	13.045	237	18895	20.549	ng		98
43) 2,4,6-Trichlorophenol	13.309	196	37555	22.684	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.386	196	40665	22.207	ng	98
46) 1,1'-Biphenyl	13.697	154	134517	21.103	ng	100
47) 2-Chloronaphthalene	13.750	162	109156	21.716	ng	97
48) 2-Nitroaniline	13.944	65	33140	16.859	ng	97
49) Acenaphthylene	14.584	152	179182	20.650	ng	100
50) Dimethylphthalate	14.302	163	156236	21.411	ng	100
51) 2,6-Dinitrotoluene	14.425	165	32659	21.995	ng	93
52) Acenaphthene	14.925	154	104298	18.857	ng	99
53) 3-Nitroaniline	14.760	138	36135	19.363	ng	98
54) 2,4-Dinitrophenol	14.972	184	14812	20.770	ng	97
55) Dibenzofuran	15.254	168	177412	21.381	ng	98
56) 4-Nitrophenol	15.072	139	24576	18.412	ng	98
57) 2,4-Dinitrotoluene	15.213	165	46904	21.768	ng	98
58) Fluorene	15.900	166	146327	21.194	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.477	232	36377	22.283	ng	98
60) Diethylphthalate	15.648	149	164967	21.253	ng	99
61) 4-Chlorophenyl-phenyle...	15.883	204	75463	23.784	ng	97
62) 4-Nitroaniline	15.918	138	39584	20.184	ng	98
63) Azobenzene	16.176	77	135093	17.865	ng	98
65) 4,6-Dinitro-2-methylph...	15.977	198	27934	22.894	ng	96
66) n-Nitrosodiphenylamine	16.094	169	130067	21.054	ng	99
67) 4-Bromophenyl-phenylether	16.776	248	51609	23.934	ng	96
68) Hexachlorobenzene	16.899	284	59451	24.384	ng	96
69) Atrazine	17.028	200	43860	20.879	ng	98
70) Pentachlorophenol	17.246	266	25325	21.051	ng	95
71) Phenanthrene	17.633	178	250758	21.185	ng	100
72) Anthracene	17.727	178	246096	21.267	ng	99
73) Carbazole	17.992	167	228893	20.566	ng	99
74) Di-n-butylphthalate	18.521	149	291794	20.973	ng	100
75) Fluoranthene	19.625	202	309220	22.420	ng	99
77) Benzidine	19.796	184	91924	17.150	ng	99
78) Pyrene	19.984	202	310507	20.463	ng	98
80) Butylbenzylphthalate	20.841	149	128857	17.971	ng	99
81) Benzo(a)anthracene	21.846	228	302607	20.356	ng	100
82) 3,3'-Dichlorobenzidine	21.752	252	101846	21.036	ng	99
83) Chrysene	21.917	228	288228	20.412	ng	99
84) Bis(2-ethylhexyl)phtha...	21.711	149	188783	18.430	ng	98
85) Di-n-octyl phthalate	22.963	149	325662	19.084	ng	99
87) Indeno(1,2,3-cd)pyrene	29.132	276	393275	21.591	ng	100
88) Benzo(b)fluoranthene	24.161	252	311979	21.031	ng	99
89) Benzo(k)fluoranthene	24.232	252	318685	21.275	ng	99
90) Benzo(a)pyrene	25.084	252	269307	21.170	ng	99
91) Dibenzo(a,h)anthracene	29.185	278	326451	21.839	ng	100
92) Benzo(g,h,i)perylene	30.360	276	323906	21.847	ng	99

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

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