Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055071.D
Acq On : 4 Oct 2022 20:19
Operator : CG/JU
Sample : N4909-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 05 00:33:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 07:12:22 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PE-5MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.341	152	29491	20.000	ng		0.00
21) Naphthalene-d8	11.178	136	126564	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	87113	20.000	ng		0.00
64) Phenanthrene-d10	17.683	188	190813	20.000	ng		0.00
76) Chrysene-d12	21.983	240	178562	20.000	ng		0.00
86) Perylene-d12	25.444	264	193188	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.867	112	242440	182.595	ng		0.01
7) Phenol-d6	7.477	99	330366	166.065	ng		0.01
23) Nitrobenzene-d5	9.516	82	206059	97.286	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	165988	180.777	ng		0.00
45) 2-Fluorobiphenyl	13.581	172	519202	93.045	ng		0.00
79) Terphenyl-d14	20.262	244	841140	95.211	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	30002	39.936	ng		99
3) Pyridine	4.104	79	81692	36.162	ng		97
4) n-Nitrosodimethylamine	4.016	42	55318	42.819	ng	#	98
6) Aniline	7.653	93	120894	41.533	ng		96
8) 2-Chlorophenol	7.900	128	97461	63.816	ng		97
9) Benzaldehyde	7.471	77	61739	38.632	ng		99
10) Phenol	7.500	94	129461	57.267	ng		95
11) bis(2-Chloroethyl)ether	7.747	93	86692	46.788	ng		98
12) 1,3-Dichlorobenzene	8.235	146	108991	51.847	ng		96
13) 1,4-Dichlorobenzene	8.382	146	110183	51.792	ng		99
14) 1,2-Dichlorobenzene	8.705	146	105895	51.234	ng		96
15) Benzyl Alcohol	8.576	79	99738	55.818	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.863	45	157355	44.835	ng		99
17) 2-Methylphenol	8.769	107	90850	57.039	ng		96
18) Hexachloroethane	9.445	117	38071	56.437	ng		91
19) n-Nitroso-di-n-propyla...	9.145	70	81951	42.527	ng		99
20) 3+4-Methylphenols	9.098	107	122332	55.151	ng		96
22) Acetophenone	9.169	105	153488	47.822	ng	#	99
24) Nitrobenzene	9.557	77	116453	50.635	ng		92
25) Isophorone	10.080	82	224505	49.872	ng		99
26) 2-Nitrophenol	10.274	139	50249	74.830	ng		90
27) 2,4-Dimethylphenol	10.315	122	103598	67.132	ng		95
28) bis(2-Chloroethoxy)met...	10.561	93	122595	53.222	ng		98
29) 2,4-Dichlorophenol	10.808	162	107069	56.009	ng		98
30) 1,2,4-Trichlorobenzene	11.031	180	114249	51.687	ng		97
31) Naphthalene	11.225	128	324113	48.521	ng		100
32) Benzoic acid	10.438	122	66223	61.483	ng		93
33) 4-Chloroaniline	11.319	127	85518	30.961	ng		99
34) Hexachlorobutadiene	11.507	225	76040	53.053	ng		96
35) Caprolactam	12.089	113	33616m	55.996	ng		
36) 4-Chloro-3-methylphenol	12.412	107	114807	52.950	ng		98
37) 2-Methylnaphthalene	12.806	142	237246	48.195	ng		99
38) 1-Methylnaphthalene	13.023	142	224287	46.841	ng		97
40) 1,2,4,5-Tetrachloroben...	13.164	216	142221	55.915	ng		100
41) Hexachlorocyclopentadiene	13.147	237	107138	97.818	ng		99
43) 2,4,6-Trichlorophenol	13.393	196	94449	59.851	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	103011	58.061	ng		97
46) 1,1'-Biphenyl	13.793	154	319600	53.510	ng		98
47) 2-Chloronaphthalene	13.840	162	248159	51.561	ng		99
48) 2-Nitroaniline	14.028	65	72141	52.823	ng		98
49) Acenaphthylene	14.680	152	394361	49.482	ng		99
50) Dimethylphthalate	14.392	163	308930	52.250	ng		99
51) 2,6-Dinitrotoluene	14.516	165	62888	51.638	ng		86
52) Acenaphthene	15.015	154	256399	51.813	ng		99
53) 3-Nitroaniline	14.839	138	55757	40.078	ng	#	99
54) 2,4-Dinitrophenol	15.039	184	46580	84.757	ng	#	63
55) Dibenzofuran	15.344	168	387985	49.141	ng		99
56) 4-Nitrophenol	15.127	139	109690	99.849	ng		99
57) 2,4-Dinitrotoluene	15.291	165	84229	50.722	ng		90
58) Fluorene	15.990	166	298773	47.289	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.561	232	87468	53.626	ng		99
60) Diethylphthalate	15.744	149	314680	51.580	ng		99
61) 4-Chlorophenyl-phenyle...	15.973	204	170421	49.622	ng		97
62) 4-Nitroaniline	15.996	138	65776	46.244	ng		97
63) Azobenzene	16.267	77	297107	43.240	ng		98
65) 4,6-Dinitro-2-methylph...	16.049	198	32281	45.388	ng		93
66) n-Nitrosodiphenylamine	16.184	169	264098	53.145	ng		98
67) 4-Bromophenyl-phenylether	16.866	248	111978	55.489	ng		99
68) Hexachlorobenzene	16.989	284	124316	53.283	ng		95
69) Atrazine	17.118	200	108749	67.170	ng		97
70) Pentachlorophenol	17.324	266	146283	108.629	ng		98
71) Phenanthrene	17.730	178	489942	48.881	ng		98
72) Anthracene	17.818	178	491624	50.431	ng		100
73) Carbazole	18.076	167	442438	51.707	ng		99
74) Di-n-butylphthalate	18.623	149	517660	57.954	ng		100
75) Fluoranthene	19.715	202	577259	46.165	ng		98
77) Benzidine	19.880	184	336171	109.285	ng		98
78) Pyrene	20.074	202	581369	48.964	ng		99
80) Butylbenzylphthalate	20.943	149	211927	56.099	ng		98
81) Benzo(a)anthracene	21.960	228	555986	49.015	ng		99
82) 3,3'-Dichlorobenzidine	21.866	252	178606	54.163	ng		97
83) Chrysene	22.036	228	516363	47.231	ng		99
84) Bis(2-ethylhexyl)phtha...	21.848	149	309181	54.971	ng		99
85) Di-n-octyl phthalate	23.147	149	514776	54.524	ng		98
87) Indeno(1,2,3-cd)pyrene	29.439	276	674839	48.405	ng	#	97
88) Benzo(b)fluoranthene	24.339	252	592623	52.063	ng		99
89) Benzo(k)fluoranthene	24.416	252	580856	50.653	ng		99
90) Benzo(a)pyrene	25.279	252	527386	54.058	ng		98
91) Dibenzo(a,h)anthracene	29.504	278	597388	52.748	ng		99
92) Benzo(g,h,i)perylene	30.685	276	549016	48.292	ng		99

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

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