Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055067.D
Acq On : 4 Oct 2022 17:33
Operator : CG/JU
Sample : N4909-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 05 00:32:47 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-5MS

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	8.340	152	26526	20.000	ng		0.00
21) Naphthalene-d8	11.178	136	114700	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	83949	20.000	ng		0.00
64) Phenanthrene-d10	17.682	188	193877	20.000	ng		0.00
76) Chrysene-d12	21.983	240	183041	20.000	ng		0.00
86) Perylene-d12	25.438	264	202040	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.861	112	206970	173.305	ng		0.00
7) Phenol-d6	7.471	99	283053	158.186	ng		0.00
23) Nitrobenzene-d5	9.516	82	174784	91.055	ng		0.00
42) 2,4,6-Tribromophenol	16.425	330	152812	172.980	ng		0.00
45) 2-Fluorobiphenyl	13.581	172	456004	84.799	ng		0.00
79) Terphenyl-d14	20.262	244	832483	91.925	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	25318	37.468	ng		91
3) Pyridine	4.104	79	70202	34.549	ng		97
4) n-Nitrosodimethylamine	4.010	42	47470	40.851	ng		98
6) Aniline	7.653	93	108144	41.306	ng		98
8) 2-Chlorophenol	7.900	128	83717	60.944	ng		97
9) Benzaldehyde	7.465	77	51396	35.755	ng		93
10) Phenol	7.500	94	110935	54.557	ng		95
11) bis(2-Chloroethyl)ether	7.747	93	76453	45.874	ng		95
12) 1,3-Dichlorobenzene	8.235	146	92733	49.044	ng		98
13) 1,4-Dichlorobenzene	8.382	146	93782	49.010	ng		98
14) 1,2-Dichlorobenzene	8.705	146	89877	48.345	ng		97
15) Benzyl Alcohol	8.575	79	84979	52.874	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.869	45	137512	43.561	ng		99
17) 2-Methylphenol	8.769	107	77963	54.420	ng		94
18) Hexachloroethane	9.445	117	32252	53.155	ng		96
19) n-Nitroso-di-n-propyla...	9.145	70	70386	40.608	ng	#	97
20) 3+4-Methylphenols	9.098	107	106015	53.137	ng		97
22) Acetophenone	9.169	105	135759	46.674	ng	#	97
24) Nitrobenzene	9.557	77	101143	48.527	ng		91
25) Isophorone	10.080	82	193105	47.333	ng		99
26) 2-Nitrophenol	10.274	139	41089	67.519	ng	#	85
27) 2,4-Dimethylphenol	10.315	122	89957	64.322	ng		96
28) bis(2-Chloroethoxy)met...	10.556	93	104935	50.267	ng	#	98
29) 2,4-Dichlorophenol	10.808	162	91491	53.039	ng		97
30) 1,2,4-Trichlorobenzene	11.031	180	95238	47.543	ng		96
31) Naphthalene	11.225	128	277999	45.923	ng		100
32) Benzoic acid	10.432	122	57382	59.480	ng		94
33) 4-Chloroaniline	11.319	127	79288	31.675	ng		99
34) Hexachlorobutadiene	11.507	225	64347	49.539	ng		96
35) Caprolactam	12.083	113	31003m	56.985	ng		
36) 4-Chloro-3-methylphenol	12.406	107	100787	51.383	ng		98
37) 2-Methylnaphthalene	12.806	142	206642	46.320	ng		96
38) 1-Methylnaphthalene	13.023	142	196845	45.363	ng		98
40) 1,2,4,5-Tetrachloroben...	13.164	216	122008	49.776	ng		100
41) Hexachlorocyclopentadiene	13.141	237	108478	102.775	ng		96
43) 2,4,6-Trichlorophenol	13.388	196	81904	54.285	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	88572	52.194	ng		98
46) 1,1'-Biphenyl	13.793	154	280743	48.775	ng		99
47) 2-Chloronaphthalene	13.840	162	219214	47.264	ng		99
48) 2-Nitroaniline	14.028	65	65101	49.724	ng		98
49) Acenaphthylene	14.680	152	357877	46.597	ng		99
50) Dimethylphthalate	14.392	163	281840	49.465	ng		99
51) 2,6-Dinitrotoluene	14.510	165	54911	47.116	ng		94
52) Acenaphthene	15.015	154	232459	48.745	ng		97
53) 3-Nitroaniline	14.839	138	53558	39.958	ng	#	98
54) 2,4-Dinitrophenol	15.044	184	45660	86.214	ng	#	42
55) Dibenzofuran	15.344	168	354367	46.575	ng		99
56) 4-Nitrophenol	15.127	139	106020	100.131	ng		98
57) 2,4-Dinitrotoluene	15.291	165	78659	49.265	ng		92
58) Fluorene	15.990	166	280053	45.996	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.561	232	80258	51.266	ng		100
60) Diethylphthalate	15.744	149	293716	49.959	ng		99
61) 4-Chlorophenyl-phenyle...	15.973	204	155334	46.934	ng		96
62) 4-Nitroaniline	15.996	138	63598	46.398	ng		96
63) Azobenzene	16.267	77	279679	42.238	ng		98
65) 4,6-Dinitro-2-methylph...	16.049	198	31705	43.873	ng		96
66) n-Nitrosodiphenylamine	16.184	169	250187	49.550	ng		97
67) 4-Bromophenyl-phenylether	16.866	248	106442	51.912	ng		96
68) Hexachlorobenzene	16.989	284	118140	49.836	ng		97
69) Atrazine	17.118	200	103952	63.192	ng		97
70) Pentachlorophenol	17.324	266	139580	102.398	ng		96
71) Phenanthrene	17.729	178	472125	46.359	ng		97
72) Anthracene	17.818	178	476887	48.146	ng		99
73) Carbazole	18.076	167	437514	50.324	ng		99
74) Di-n-butylphthalate	18.623	149	508196	55.995	ng		100
75) Fluoranthene	19.715	202	569753	44.845	ng		99
77) Benzidine	19.880	184	339227	107.579	ng		99
78) Pyrene	20.074	202	572015	46.998	ng		99
80) Butylbenzylphthalate	20.943	149	204209	53.023	ng		97
81) Benzo(a)anthracene	21.960	228	548830	47.200	ng		99
82) 3,3'-Dichlorobenzidine	21.860	252	166228	49.176	ng		96
83) Chrysene	22.030	228	515982	46.041	ng		99
84) Bis(2-ethylhexyl)phtha...	21.848	149	300995	52.412	ng		98
85) Di-n-octyl phthalate	23.147	149	503788	52.251	ng		98
87) Indeno(1,2,3-cd)pyrene	29.439	276	683098	46.851	ng		98
88) Benzo(b)fluoranthene	24.339	252	588831	49.464	ng		98
89) Benzo(k)fluoranthene	24.410	252	567375	47.309	ng		100
90) Benzo(a)pyrene	25.279	252	521839	51.146	ng		98
91) Dibenzo(a,h)anthracene	29.510	278	583100	49.230	ng		99
92) Benzo(g,h,i)perylene	30.685	276	563055	47.357	ng		97

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

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