Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057543.D
Acq On : 24 May 2023 20:58
Operator : CG/JU
Sample : 02899-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB08MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Quant Time: May 25 02:27:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 02:19:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.354	152	17923	20.000	ng		-0.01
21) Naphthalene-d8	11.191	136	69606	20.000	ng		#-0.01
39) Acenaphthene-d10	14.969	164	48545	20.000	ng		-0.01
64) Phenanthrene-d10	17.712	188	122478	20.000	ng		-0.01
76) Chrysene-d12	22.018	240	124701	20.000	ng		-0.02
86) Perylene-d12	25.519	264	133730	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.875	112	105597	100.784	ng		0.00
7) Phenol-d6	7.502	99	152156	95.632	ng		0.00
23) Nitrobenzene-d5	9.535	82	94836	57.184	ng		-0.01
42) 2,4,6-Tribromophenol	16.455	330	71688	104.076	ng		-0.01
45) 2-Fluorobiphenyl	13.594	172	220481	61.169	ng		-0.01
79) Terphenyl-d14	20.273	244	448635	58.711	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.666	88	20810	48.036	ng		97
3) Pyridine	4.095	79	54900	39.433	ng		95
4) n-Nitrosodimethylamine	4.007	42	27734	42.390	ng	#	80
6) Aniline	7.667	93	72174	35.758	ng		96
8) 2-Chlorophenol	7.919	128	61069	55.160	ng		100
9) Benzaldehyde	7.479	77	42800	52.991	ng		98
10) Phenol	7.532	94	80503	51.904	ng		95
11) bis(2-Chloroethyl)ether	7.755	93	56425	48.245	ng		97
12) 1,3-Dichlorobenzene	8.242	146	68497	56.056	ng		93
13) 1,4-Dichlorobenzene	8.389	146	67969	55.376	ng		95
14) 1,2-Dichlorobenzene	8.718	146	66146	55.824	ng		96
15) Benzyl Alcohol	8.589	79	62834	47.405	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.871	45	70104	47.557	ng		98
17) 2-Methylphenol	8.800	107	53997	48.296	ng		94
18) Hexachloroethane	9.453	117	23683	53.468	ng		95
19) n-Nitroso-di-n-propyla...	9.159	70	49549	40.841	ng		97
20) 3+4-Methylphenols	9.124	107	73950	48.305	ng		94
22) Acetophenone	9.188	105	94661	47.515	ng	#	95
24) Nitrobenzene	9.576	77	75472	45.088	ng		95
25) Isophorone	10.099	82	131836	40.995	ng		98
26) 2-Nitrophenol	10.298	139	34160	53.315	ng		93
27) 2,4-Dimethylphenol	10.340	122	59684	53.198	ng		99
28) bis(2-Chloroethoxy)met...	10.569	93	74711	46.373	ng		96
29) 2,4-Dichlorophenol	10.839	162	63764	53.586	ng		95
30) 1,2,4-Trichlorobenzene	11.050	180	70103	51.077	ng		97
31) Naphthalene	11.244	128	183412	49.288	ng		99
32) Benzoic acid	10.492	122	32520m	50.044	ng		
33) 4-Chloroaniline	11.350	127	54611	32.679	ng		96
34) Hexachlorobutadiene	11.509	225	49551	48.655	ng		98
35) Caprolactam	12.120	113	20916m	51.457	ng		
36) 4-Chloro-3-methylphenol	12.448	107	66537	49.204	ng		98
37) 2-Methylnaphthalene	12.824	142	134178	45.861	ng		93
38) 1-Methylnaphthalene	13.042	142	124599	45.182	ng		100
40) 1,2,4,5-Tetrachloroben...	13.183	216	90829	52.704	ng		100
41) Hexachlorocyclopentadiene	13.153	237	70328	84.513	ng		97
43) 2,4,6-Trichlorophenol	13.418	196	56174	53.502	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.500	196	60479	48.969	ng		98
46) 1,1'-Biphenyl	13.805	154	186744	51.841	ng		98
47) 2-Chloronaphthalene	13.858	162	143594	53.606	ng		98
48) 2-Nitroaniline	14.058	65	45567	50.029	ng		94
49) Acenaphthylene	14.698	152	221436	50.883	ng		99
50) Dimethylphthalate	14.405	163	182909	45.851	ng		99
51) 2,6-Dinitrotoluene	14.540	165	41473	50.919	ng		90
52) Acenaphthene	15.033	154	136877	50.334	ng		99
53) 3-Nitroaniline	14.875	138	30267	37.093	ng		92
54) 2,4-Dinitrophenol	15.092	184	53905	105.217	ng		96
55) Dibenzofuran	15.362	168	227941	49.888	ng		97
56) 4-Nitrophenol	15.186	139	65385	120.480	ng		87
57) 2,4-Dinitrotoluene	15.327	165	60359	51.853	ng		94
58) Fluorene	16.014	166	188594	50.111	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.591	232	60378	53.923	ng		100
60) Diethylphthalate	15.750	149	186305	45.988	ng		98
61) 4-Chlorophenyl-phenyle...	15.991	204	106954	47.173	ng		98
62) 4-Nitroaniline	16.032	138	43386	52.706	ng		88
63) Azobenzene	16.284	77	182694	46.739	ng		94
65) 4,6-Dinitro-2-methylph...	16.096	198	43103	58.945	ng		97
66) n-Nitrosodiphenylamine	16.202	169	161646	48.593	ng		99
67) 4-Bromophenyl-phenylether	16.884	248	71969	48.135	ng		98
68) Hexachlorobenzene	17.019	284	78139	53.780	ng		95
69) Atrazine	17.136	200	77613	61.163	ng		97
70) Pentachlorophenol	17.365	266	82166	98.125	ng		96
71) Phenanthrene	17.753	178	318375	50.729	ng		99
72) Anthracene	17.841	178	325482	50.543	ng		99
73) Carbazole	18.111	167	303637	56.007	ng		99
74) Di-n-butylphthalate	18.622	149	339274	54.392	ng	#	98
75) Fluoranthene	19.744	202	421184	53.958	ng		98
77) Benzidine	19.909	184	207630	74.476	ng		100
78) Pyrene	20.103	202	427136	47.137	ng		99
80) Butylbenzylphthalate	20.949	149	160945	55.978	ng		98
81) Benzo(a)anthracene	21.994	228	432185	48.645	ng		100
82) 3,3'-Dichlorobenzidine	21.889	252	112034	39.369	ng		100
83) Chrysene	22.071	228	396019	47.375	ng		100
84) Bis(2-ethylhexyl)phtha...	21.836	149	229169	53.872	ng		100
85) Di-n-octyl phthalate	23.128	149	383615	54.092	ng		97
87) Indeno(1,2,3-cd)pyrene	29.572	276	483541	49.612	ng		100
88) Benzo(b)fluoranthene	24.397	252	439014	50.220	ng		97
89) Benzo(k)fluoranthene	24.468	252	429577	48.358	ng		99
90) Benzo(a)pyrene	25.355	252	387794	45.407	ng		99
91) Dibenzo(a,h)anthracene	29.625	278	403542	49.717	ng	#	97
92) Benzo(g,h,i)perylene	30.847	276	392002	49.461	ng		98

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

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