Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056702.D
Acq On : 22 Feb 2023 17:58
Operator : CG/JU
Sample : 01639-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 01:47:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 01:45:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.434	152	22246	20.000	ng		0.00
21) Naphthalene-d8	11.272	136	89057	20.000	ng		0.00
39) Acenaphthene-d10	15.038	164	59399	20.000	ng		0.00
64) Phenanthrene-d10	17.776	188	126027	20.000	ng		0.00
76) Chrysene-d12	22.095	240	103776	20.000	ng		0.00
86) Perylene-d12	25.644	264	95936	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.943	112	155261	113.558	ng		0.00
7) Phenol-d6	7.559	99	221001	109.427	ng		0.00
23) Nitrobenzene-d5	9.609	82	147124	84.585	ng		0.00
42) 2,4,6-Tribromophenol	16.513	330	89449	109.990	ng		0.00
45) 2-Fluorobiphenyl	13.664	172	312451	70.437	ng		0.00
79) Terphenyl-d14	20.338	244	455937	71.882	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.746	88	17851	29.781	ng		97
3) Pyridine	4.169	79	58186	30.689	ng		97
4) n-Nitrosodimethylamine	4.075	42	33669	38.097	ng	#	76
6) Aniline	7.747	93	33152	11.811	ng		95
8) 2-Chlorophenol	7.988	128	68497	50.635	ng		98
9) Benzaldehyde	7.553	77	44790	41.936	ng		94
10) Phenol	7.588	94	99710	48.264	ng		98
11) bis(2-Chloroethyl)ether	7.829	93	68383	44.115	ng		98
12) 1,3-Dichlorobenzene	8.323	146	75845	47.058	ng		99
13) 1,4-Dichlorobenzene	8.470	146	77138	47.523	ng		96
14) 1,2-Dichlorobenzene	8.793	146	77014	49.362	ng		95
15) Benzyl Alcohol	8.664	79	79625	44.031	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.951	45	91742	44.084	ng		97
17) 2-Methylphenol	8.863	107	63583	43.795	ng		98
18) Hexachloroethane	9.539	117	27511	53.505	ng		100
19) n-Nitroso-di-n-propyla...	9.233	70	63268	41.845	ng		97
20) 3+4-Methylphenols	9.186	107	85442	42.841	ng		95
22) Acetophenone	9.263	105	115179	42.328	ng	#	97
24) Nitrobenzene	9.651	77	97291	48.021	ng		93
25) Isophorone	10.174	82	168849	39.888	ng		98
26) 2-Nitrophenol	10.367	139	40337	56.322	ng	#	84
27) 2,4-Dimethylphenol	10.409	122	71888	43.925	ng		97
28) bis(2-Chloroethoxy)met...	10.649	93	90889	42.130	ng		98
29) 2,4-Dichlorophenol	10.902	162	77575	47.825	ng		99
30) 1,2,4-Trichlorobenzene	11.131	180	87626	45.350	ng		94
31) Naphthalene	11.325	128	223665	45.315	ng		99
32) Benzoic acid	10.538	122	53115m	50.354	ng		
33) 4-Chloroaniline	11.419	127	28654	12.707	ng		96
34) Hexachlorobutadiene	11.601	225	62499	45.262	ng		98
35) Caprolactam	12.189	113	21305m	40.837	ng		
36) 4-Chloro-3-methylphenol	12.500	107	77489	43.320	ng		97
37) 2-Methylnaphthalene	12.894	142	161983	41.565	ng		97
38) 1-Methylnaphthalene	13.111	142	151434	41.643	ng		99
40) 1,2,4,5-Tetrachloroben...	13.252	216	109799	49.725	ng		99
41) Hexachlorocyclopentadiene	13.229	237	43896	36.652	ng		97
43) 2,4,6-Trichlorophenol	13.481	196	70033	52.274	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.552	196	75115	46.781	ng		97
46) 1,1'-Biphenyl	13.881	154	210981	46.889	ng		98
47) 2-Chloronaphthalene	13.928	162	171939	48.288	ng		97
48) 2-Nitroaniline	14.116	65	56943	54.144	ng		86
49) Acenaphthylene	14.768	152	255981	44.245	ng		96
50) Dimethylphthalate	14.474	163	204257	41.597	ng		100
51) 2,6-Dinitrotoluene	14.598	165	43880	46.009	ng		90
52) Acenaphthene	15.103	154	172740	48.403	ng		97
53) 3-Nitroaniline	14.927	138	26801	28.118	ng		97
54) 2,4-Dinitrophenol	15.132	184	24671	43.490	ng	#	55
55) Dibenzofuran	15.432	168	265597	44.052	ng		99
56) 4-Nitrophenol	15.215	139	72207	98.876	ng	#	80
57) 2,4-Dinitrotoluene	15.379	165	60016	50.116	ng	#	82
58) Fluorene	16.078	166	213611	44.810	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.649	232	65813	46.766	ng	#	90
60) Diethylphthalate	15.820	149	197048	39.782	ng		100
61) 4-Chlorophenyl-phenyle...	16.055	204	117762	40.436	ng		98
62) 4-Nitroaniline	16.084	138	37425	37.675	ng		96
63) Azobenzene	16.349	77	216521	43.678	ng		98
65) 4,6-Dinitro-2-methylph...	16.143	198	17692	27.185	ng		85
66) n-Nitrosodiphenylamine	16.266	169	180271	49.170	ng		99
67) 4-Bromophenyl-phenylether	16.948	248	76386	47.208	ng		93
68) Hexachlorobenzene	17.077	284	81633	49.519	ng		99
69) Atrazine	17.201	200	70442	50.036	ng		98
70) Pentachlorophenol	17.418	266	101365	92.848	ng		96
71) Phenanthrene	17.817	178	594979	86.776	ng		99
72) Anthracene	17.906	178	361804	51.569	ng		99
73) Carbazole	18.170	167	290700	48.066	ng		97
74) Di-n-butylphthalate	18.693	149	290862	42.975	ng		99
75) Fluoranthene	19.803	202	979639	108.283	ng		99
77) Benzidine	19.962	184	37426	15.078	ng		98
78) Pyrene	20.162	202	890058	113.566	ng		98
80) Butylbenzylphthalate	21.020	149	112347	47.736	ng		93
81) Benzo(a)anthracene	22.071	228	628770	81.473	ng		97
82) 3,3'-Dichlorobenzidine	21.966	252	52403	20.929	ng		97
83) Chrysene	22.148	228	593481	82.259	ng		96
84) Bis(2-ethylhexyl)phtha...	21.930	149	164873	46.750	ng		100
85) Di-n-octyl phthalate	23.252	149	281393	48.006	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.745	276	329081	43.799	ng	#	94
88) Benzo(b)fluoranthene	24.515	252	601881	96.031	ng		98
89) Benzo(k)fluoranthene	24.586	252	538200	87.322	ng		99
90) Benzo(a)pyrene	25.485	252	472369	78.407	ng		98
91) Dibenzo(a,h)anthracene	29.803	278	218886	35.175	ng	#	98
92) Benzo(g,h,i)perylene	31.037	276	232106	38.173	ng		95

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

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