Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054857.D
Acq On : 6 Sep 2022 18:35
Operator : CG/JU
Sample : N4486-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 04:58:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PC-1MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
09/07/2022
Supervised By :Jagrut Upadhyay
09/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.148	152	48829	20.000	ng		0.00
21) Naphthalene-d8	10.974	136	202542	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	132085	20.000	ng		0.00
64) Phenanthrene-d10	17.531	188	274209	20.000	ng		0.00
76) Chrysene-d12	21.826	240	247429	20.000	ng		0.00
86) Perylene-d12	25.204	264	266016	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.692	112	319542	113.956	ng		0.00
7) Phenol-d6	7.308	99	423742	110.499	ng		0.01
23) Nitrobenzene-d5	9.323	82	255920	66.331	ng		0.00
42) 2,4,6-Tribromophenol	16.274	330	175472	106.315	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	574060	65.323	ng		0.00
79) Terphenyl-d14	20.128	244	764859	61.249	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.524	88	47614	35.560	ng		96
3) Pyridine	3.935	79	135069	36.166	ng		94
4) n-Nitrosodimethylamine	3.853	42	65194	40.382	ng		92
6) Aniline	7.466	93	155541	34.138	ng		96
8) 2-Chlorophenol	7.713	128	163712	53.438	ng		97
9) Benzaldehyde	7.278	77	84801m	33.740	ng		
10) Phenol	7.337	94	201293	51.042	ng		97
11) bis(2-Chloroethyl)ether	7.560	93	152233	47.997	ng		96
12) 1,3-Dichlorobenzene	8.036	146	173116	48.829	ng		96
13) 1,4-Dichlorobenzene	8.183	146	173383	48.484	ng		98
14) 1,2-Dichlorobenzene	8.506	146	170261	50.211	ng		99
15) Benzyl Alcohol	8.389	79	137948m	49.794	ng		
16) 2,2'-oxybis(1-Chloropr...	8.671	45	209359	42.184	ng		97
17) 2-Methylphenol	8.594	107	139268	51.291	ng		98
18) Hexachloroethane	9.241	117	58461	45.082	ng		95
19) n-Nitroso-di-n-propyla...	8.953	70	116179	44.056	ng	#	97
20) 3+4-Methylphenols	8.923	107	192172	51.039	ng		96
22) Acetophenone	8.976	105	232384	45.860	ng	#	98
24) Nitrobenzene	9.370	77	171233	44.032	ng		96
25) Isophorone	9.887	82	327251	45.490	ng		100
26) 2-Nitrophenol	10.081	139	91821	53.453	ng		99
27) 2,4-Dimethylphenol	10.134	122	153434	56.374	ng		98
28) bis(2-Chloroethoxy)met...	10.363	93	198977	48.539	ng		99
29) 2,4-Dichlorophenol	10.621	162	157536	50.889	ng		98
30) 1,2,4-Trichlorobenzene	10.833	180	166543	47.076	ng		98
31) Naphthalene	11.027	128	492538	45.325	ng		99
32) Benzoic acid	10.310	122	72526	39.060	ng		97
33) 4-Chloroaniline	11.132	127	119828	27.048	ng		98
34) Hexachlorobutadiene	11.297	225	109465	48.294	ng		97
35) Caprolactam	11.920	113	50782m	46.497	ng		
36) 4-Chloro-3-methylphenol	12.249	107	163527	48.306	ng		100
37) 2-Methylnaphthalene	12.619	142	346278	45.465	ng		99
38) 1-Methylnaphthalene	12.842	142	329791	44.505	ng		100
40) 1,2,4,5-Tetrachloroben...	12.983	216	198858	49.944	ng		99
41) Hexachlorocyclopentadiene	12.954	237	44868	21.249	ng		99
43) 2,4,6-Trichlorophenol	13.224	196	129996	49.189	ng		99

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44) 2,4,5-Trichlorophenol	13.301	196	139480	46.995	ng		98
46) 1,1'-Biphenyl	13.618	154	463170	47.220	ng		99
47) 2-Chloronaphthalene	13.665	162	347444	46.641	ng		98
48) 2-Nitroaniline	13.870	65	104936	44.949	ng		94
49) Acenaphthylene	14.511	152	556996	45.311	ng		99
50) Dimethylphthalate	14.229	163	432944	42.546	ng		99
51) 2,6-Dinitrotoluene	14.358	165	95671	45.965	ng	#	85
52) Acenaphthene	14.846	154	394511m	49.962	ng		
53) 3-Nitroaniline	14.693	138	84490	36.262	ng		92
54) 2,4-Dinitrophenol	14.899	184	105814	89.237	ng		98
55) Dibenzofuran	15.181	168	521479	44.944	ng		99
56) 4-Nitrophenol	15.004	139	159683	88.560	ng		95
57) 2,4-Dinitrotoluene	15.145	165	132839	46.142	ng	#	83
58) Fluorene	15.827	166	431896	44.185	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.404	232	118035	44.118	ng		98
60) Diethylphthalate	15.586	149	426799	42.002	ng		98
61) 4-Chlorophenyl-phenyle...	15.815	204	222564	46.156	ng		98
62) 4-Nitroaniline	15.856	138	97114	40.824	ng		93
63) Azobenzene	16.109	77	387164	40.092	ng		94
65) 4,6-Dinitro-2-methylph...	15.903	198	72150	51.691	ng		99
66) n-Nitrosodiphenylamine	16.027	169	378657	47.885	ng		100
67) 4-Bromophenyl-phenylether	16.708	248	148764	49.413	ng		100
68) Hexachlorobenzene	16.832	284	167068	49.364	ng		95
69) Atrazine	16.973	200	139138	49.875	ng		100
70) Pentachlorophenol	17.178	266	169843	92.363	ng		99
71) Phenanthrene	17.572	178	686739	47.013	ng		99
72) Anthracene	17.666	178	673155	47.399	ng		99
73) Carbazole	17.936	167	606746	46.371	ng		100
74) Di-n-butylphthalate	18.471	149	710051	42.884	ng		99
75) Fluoranthene	19.576	202	832204	46.833	ng		98
77) Benzidine	19.758	184	28983m	4.729	ng		
78) Pyrene	19.940	202	826683	47.915	ng		98
80) Butylbenzylphthalate	20.809	149	320987	44.603	ng		97
81) Benzo(a)anthracene	21.808	228	783010	46.673	ng		99
82) 3,3'-Dichlorobenzidine	21.714	252	114390	19.448	ng		100
83) Chrysene	21.873	228	737880	46.001	ng		99
84) Bis(2-ethylhexyl)phtha...	21.685	149	463703	44.723	ng		98
85) Di-n-octyl phthalate	22.942	149	772264	43.920	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.100	276	941381	46.614	ng	#	94
88) Benzo(b)fluoranthene	24.123	252	832900	49.912	ng		99
89) Benzo(k)fluoranthene	24.194	252	789344	47.001	ng		99
90) Benzo(a)pyrene	25.046	252	734815	51.540	ng		100
91) Dibenzo(a,h)anthracene	29.170	278	794362	48.281	ng		99
92) Benzo(g,h,i)perylene	30.334	276	784836	47.219	ng		97

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

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