Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058656.D
Acq On : 9 Aug 2023 12:57
Operator : MA/JU
Sample : 03891-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 09 13:32:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	38356	20.000	ng		0.00
21) Naphthalene-d8	10.615	136	175863	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	139980	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	354123	20.000	ng		0.00
76) Chrysene-d12	21.455	240	301594	20.000	ng		0.00
86) Perylene-d12	24.522	264	382910	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.386	112	323787	129.027	ng		0.00
7) Phenol-d6	6.990	99	446428	127.848	ng		0.00
23) Nitrobenzene-d5	8.976	82	303421	84.757	ng		0.00
42) 2,4,6-Tribromophenol	15.956	330	288071	125.556	ng		0.00
45) 2-Fluorobiphenyl	13.083	172	728613	78.004	ng		0.00
79) Terphenyl-d14	19.828	244	1435060	89.480	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.277	88	44394	36.508	ng	#	51
3) Pyridine	3.676	79	119390	36.012	ng		95
4) n-Nitrosodimethylamine	3.582	42	62469	44.472	ng		92
6) Aniline	7.137	93	150490	35.004	ng		100
8) 2-Chlorophenol	7.378	128	127437	51.765	ng		99
9) Benzaldehyde	6.955	77	58865	31.028	ng		96
10) Phenol	7.013	94	165907	48.639	ng		97
11) bis(2-Chloroethyl)ether	7.237	93	121621	45.227	ng		98
12) 1,3-Dichlorobenzene	7.701	146	116990	44.503	ng		98
13) 1,4-Dichlorobenzene	7.848	146	122447	46.390	ng		99
14) 1,2-Dichlorobenzene	8.165	146	119594	47.390	ng		98
15) Benzyl Alcohol	8.053	79	130212	58.801	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.341	45	211950	48.521	ng		98
17) 2-Methylphenol	8.265	107	122657	49.180	ng		97
18) Hexachloroethane	8.888	117	42569	44.371	ng		95
19) n-Nitroso-di-n-propyla...	8.617	70	110892	49.165	ng		99
20) 3+4-Methylphenols	8.594	107	174791	51.812	ng		98
22) Acetophenone	8.635	105	211278	44.868	ng	#	99
24) Nitrobenzene	9.023	77	157687	43.327	ng		98
25) Isophorone	9.540	82	339963	45.961	ng		99
26) 2-Nitrophenol	9.728	139	71418	45.080	ng		98
27) 2,4-Dimethylphenol	9.792	122	124904	47.532	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	182297	45.287	ng		97
29) 2,4-Dichlorophenol	10.268	162	138059	50.600	ng		98
30) 1,2,4-Trichlorobenzene	10.480	180	136046	43.236	ng		99
31) Naphthalene	10.662	128	395637	42.684	ng		99
32) Benzoic acid	9.922	122	12333	10.126	ng	#	85
33) 4-Chloroaniline	10.779	127	71231	18.189	ng		98
34) Hexachlorobutadiene	10.944	225	82552	40.739	ng		99
35) Caprolactam	11.561	113	45494m	45.153	ng		
36) 4-Chloro-3-methylphenol	11.913	107	181576	53.797	ng		99
37) 2-Methylnaphthalene	12.278	142	287844	43.414	ng		99
38) 1-Methylnaphthalene	12.501	142	282338	44.797	ng		100
40) 1,2,4,5-Tetrachloroben...	12.648	216	176111	40.980	ng		100
41) Hexachlorocyclopentadiene	12.624	237	103571	54.281	ng		98
43) 2,4,6-Trichlorophenol	12.895	196	134358	45.454	ng		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	150954	43.358	ng	97
46) 1,1'-Biphenyl	13.294	154	404969	42.127	ng	99
47) 2-Chloronaphthalene	13.335	162	324513	43.295	ng	98
48) 2-Nitroaniline	13.547	65	138646	48.462	ng	98
49) Acenaphthylene	14.187	152	558964	44.542	ng	99
50) Dimethylphthalate	13.923	163	487645	46.386	ng	99
51) 2,6-Dinitrotoluene	14.046	165	106877	46.333	ng	99
52) Acenaphthene	14.528	154	317184	43.743	ng	99
53) 3-Nitroaniline	14.375	138	77180	33.442	ng	99
54) 2,4-Dinitrophenol	14.593	184	27656	26.763	ng	96
55) Dibenzofuran	14.863	168	552164	44.316	ng	97
56) 4-Nitrophenol	14.698	139	134738	78.840	ng	97
57) 2,4-Dinitrotoluene	14.834	165	152619	47.724	ng	95
58) Fluorene	15.509	166	448637	45.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	137530	46.292	ng	99
60) Diethylphthalate	15.280	149	492057	45.944	ng	100
61) 4-Chlorophenyl-phenyle...	15.503	204	245553	44.498	ng	98
62) 4-Nitroaniline	15.544	138	108776	49.755	ng	97
63) Azobenzene	15.797	77	475585	45.084	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	41483	21.245	ng	95
66) n-Nitrosodiphenylamine	15.721	169	405071	43.949	ng	100
67) 4-Bromophenyl-phenylether	16.396	248	176422	43.924	ng	95
68) Hexachlorobenzene	16.514	284	197052	46.299	ng	99
69) Atrazine	16.673	200	161587	51.934	ng	99
70) Pentachlorophenol	16.866	266	114927	44.612	ng	97
71) Phenanthrene	17.248	178	739166	44.013	ng	99
72) Anthracene	17.342	178	748605	43.443	ng	99
73) Carbazole	17.613	167	697647	45.911	ng	99
74) Di-n-butylphthalate	18.165	149	848616	44.586	ng	100
75) Fluoranthene	19.264	202	893605	44.297	ng	99
77) Benzidine	19.452	184	196830	43.038	ng	99
78) Pyrene	19.628	202	905614	44.122	ng	100
80) Butylbenzylphthalate	20.515	149	376446	44.651	ng	99
81) Benzo(a)anthracene	21.432	228	942477	45.409	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	264821	37.737	ng	100
83) Chrysene	21.496	228	876656	44.053	ng	100
84) Bis(2-ethylhexyl)phtha...	21.338	149	548796	44.544	ng	98
85) Di-n-octyl phthalate	22.489	149	970860	44.821	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	1121445	44.024	ng	99
88) Benzo(b)fluoranthene	23.553	252	981593	47.264	ng	100
89) Benzo(k)fluoranthene	23.617	252	971862	46.582	ng	100
90) Benzo(a)pyrene	24.381	252	886985	43.489	ng	98
91) Dibenzo(a,h)anthracene	28.083	278	949416	45.075	ng	99
92) Benzo(g,h,i)perylene	29.123	276	895563	42.401	ng	99

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

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