Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058653.D
Acq On : 9 Aug 2023 10:51
Operator : MA/JU
Sample : 03891-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 09 11:35:16 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-1MS

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	7.809	152	41260	20.000	ng		0.00
21) Naphthalene-d8	10.612	136	184720	20.000	ng		0.00
39) Acenaphthene-d10	14.460	164	147762	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	359844	20.000	ng		0.00
76) Chrysene-d12	21.452	240	302358	20.000	ng		0.00
86) Perylene-d12	24.519	264	382153	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.382	112	281849	104.410	ng		0.00
7) Phenol-d6	6.986	99	403104	107.316	ng		0.00
23) Nitrobenzene-d5	8.972	82	234383	62.333	ng		0.00
42) 2,4,6-Tribromophenol	15.952	330	231235	95.476	ng		0.00
45) 2-Fluorobiphenyl	13.079	172	588674	59.703	ng		0.00
79) Terphenyl-d14	19.824	244	1113901	69.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	50939	38.942	ng		98
3) Pyridine	3.661	79	127189	35.664	ng		97
4) n-Nitrosodimethylamine	3.579	42	67371	44.586	ng		93
6) Aniline	7.133	93	171058	36.988	ng		100
8) 2-Chlorophenol	7.374	128	138758	52.397	ng		99
9) Benzaldehyde	6.951	77	77379	37.917	ng		99
10) Phenol	7.010	94	195775	53.355	ng		98
11) bis(2-Chloroethyl)ether	7.233	93	129841	44.885	ng		97
12) 1,3-Dichlorobenzene	7.697	146	130972	46.315	ng		97
13) 1,4-Dichlorobenzene	7.844	146	132745	46.752	ng		99
14) 1,2-Dichlorobenzene	8.162	146	130562	48.095	ng		97
15) Benzyl Alcohol	8.056	79	133665	56.112	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.344	45	224678m	47.815	ng		
17) 2-Methylphenol	8.261	107	131989	49.197	ng		99
18) Hexachloroethane	8.890	117	47458	45.985	ng		95
19) n-Nitroso-di-n-propyla...	8.620	70	112227	46.255	ng		98
20) 3+4-Methylphenols	8.590	107	185577	51.137	ng		99
22) Acetophenone	8.637	105	218996	44.277	ng	#	99
24) Nitrobenzene	9.019	77	164045	42.913	ng		96
25) Isophorone	9.536	82	336169	43.269	ng		100
26) 2-Nitrophenol	9.730	139	75867	45.593	ng		99
27) 2,4-Dimethylphenol	9.789	122	124282	45.027	ng		96
28) bis(2-Chloroethoxy)met...	10.024	93	187474	44.340	ng		99
29) 2,4-Dichlorophenol	10.265	162	143349	50.019	ng		98
30) 1,2,4-Trichlorobenzene	10.477	180	147353	44.584	ng		96
31) Naphthalene	10.665	128	428136	43.975	ng		100
32) Benzoic acid	9.959	122	101390	48.106	ng		94
33) 4-Chloroaniline	10.776	127	141472	34.393	ng		99
34) Hexachlorobutadiene	10.941	225	88753	41.699	ng		99
35) Caprolactam	11.563	113	57178m	54.028	ng		
36) 4-Chloro-3-methylphenol	11.910	107	185911	52.441	ng		98
37) 2-Methylnaphthalene	12.274	142	309359	44.421	ng		99
38) 1-Methylnaphthalene	12.498	142	301145	45.490	ng		99
40) 1,2,4,5-Tetrachloroben...	12.650	216	185371	40.863	ng		99
41) Hexachlorocyclopentadiene	12.621	237	150862	72.314	ng		96
43) 2,4,6-Trichlorophenol	12.891	196	141014	45.194	ng		99

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44) 2,4,5-Trichlorophenol	12.968	196	154988	42.172	ng		97
46) 1,1'-Biphenyl	13.291	154	425855	41.966	ng		99
47) 2-Chloronaphthalene	13.332	162	344074	43.487	ng		99
48) 2-Nitroaniline	13.543	65	137667	45.585	ng		99
49) Acenaphthylene	14.184	152	583255	44.030	ng		99
50) Dimethylphthalate	13.920	163	477988	43.072	ng		100
51) 2,6-Dinitrotoluene	14.043	165	108163	44.421	ng		96
52) Acenaphthene	14.525	154	329952	43.107	ng		98
53) 3-Nitroaniline	14.378	138	94666	38.859	ng		99
54) 2,4-Dinitrophenol	14.589	184	119443	86.361	ng		95
55) Dibenzofuran	14.860	168	573867	43.632	ng		99
56) 4-Nitrophenol	14.695	139	172328	94.821	ng		97
57) 2,4-Dinitrotoluene	14.836	165	154132	45.659	ng		97
58) Fluorene	15.512	166	460245	44.050	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	145383	46.358	ng	#	99
60) Diethylphthalate	15.283	149	497908	44.042	ng		99
61) 4-Chlorophenyl-phenyle...	15.500	204	254452	43.682	ng		98
62) 4-Nitroaniline	15.541	138	109991	47.661	ng		96
63) Azobenzene	15.794	77	486716	43.709	ng		99
65) 4,6-Dinitro-2-methylph...	15.600	198	92440	46.589	ng		97
66) n-Nitrosodiphenylamine	15.717	169	415673	44.382	ng		98
67) 4-Bromophenyl-phenylether	16.393	248	179538	43.989	ng		99
68) Hexachlorobenzene	16.516	284	200889	46.450	ng		98
69) Atrazine	16.669	200	166281	52.593	ng		98
70) Pentachlorophenol	16.863	266	203292	77.659	ng		98
71) Phenanthrene	17.251	178	743645	43.576	ng		100
72) Anthracene	17.339	178	752353	42.966	ng		99
73) Carbazole	17.615	167	693218	44.894	ng		100
74) Di-n-butylphthalate	18.167	149	853665	44.138	ng		99
75) Fluoranthene	19.278	202	870259	42.453	ng		99
77) Benzidine	19.448	184	198011	43.187	ng		100
78) Pyrene	19.630	202	904080	43.936	ng		100
80) Butylbenzylphthalate	20.512	149	378791	44.815	ng		98
81) Benzo(a)anthracene	21.428	228	936618	45.012	ng		99
82) 3,3'-Dichlorobenzidine	21.352	252	320507	45.557	ng		99
83) Chrysene	21.493	228	880577	44.138	ng		99
84) Bis(2-ethylhexyl)phtha...	21.334	149	546913	44.279	ng	#	98
85) Di-n-octyl phthalate	22.486	149	973028	44.808	ng		99
87) Indeno(1,2,3-cd)pyrene	28.026	276	1156934	45.507	ng		98
88) Benzo(b)fluoranthene	23.549	252	971055	46.850	ng		100
89) Benzo(k)fluoranthene	23.614	252	960374	46.122	ng		99
90) Benzo(a)pyrene	24.378	252	884268	43.442	ng		98
91) Dibenzo(a,h)anthracene	28.079	278	949590	45.172	ng		98
92) Benzo(g,h,i)perylene	29.119	276	918890	43.592	ng		100

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

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