Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058655.D
Acq On : 9 Aug 2023 12:16
Operator : MA/JU
Sample : 03891-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 09 12:51:10 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	7.812	152	41504	20.000	ng		0.00
21) Naphthalene-d8	10.615	136	187643	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	143494	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	355189	20.000	ng		0.00
76) Chrysene-d12	21.455	240	303888	20.000	ng		0.00
86) Perylene-d12	24.522	264	386538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.386	112	344949	127.034	ng		0.00
7) Phenol-d6	6.990	99	471794	124.864	ng		0.00
23) Nitrobenzene-d5	8.981	82	319882	83.746	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	288978	122.866	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	764798	79.872	ng		0.00
79) Terphenyl-d14	19.827	244	1438399	89.011	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.276	88	47291	35.941	ng	#	50
3) Pyridine	3.676	79	128471	35.812	ng		97
4) n-Nitrosodimethylamine	3.588	42	67511	44.416	ng		94
6) Aniline	7.136	93	164297	35.317	ng		98
8) 2-Chlorophenol	7.377	128	135201	50.753	ng		100
9) Benzaldehyde	6.954	77	60033	29.244	ng		98
10) Phenol	7.013	94	175174	47.460	ng		99
11) bis(2-Chloroethyl)ether	7.236	93	128620	44.202	ng		96
12) 1,3-Dichlorobenzene	7.700	146	125898	44.259	ng		98
13) 1,4-Dichlorobenzene	7.847	146	127728	44.720	ng		96
14) 1,2-Dichlorobenzene	8.165	146	126806	46.437	ng		97
15) Benzyl Alcohol	8.053	79	143160	59.744	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.341	45	229150m	48.480	ng		
17) 2-Methylphenol	8.265	107	130190	48.241	ng		96
18) Hexachloroethane	8.893	117	46817	45.097	ng		93
19) n-Nitroso-di-n-propyla...	8.617	70	118008	48.352	ng		99
20) 3+4-Methylphenols	8.594	107	183076	50.151	ng		99
22) Acetophenone	8.641	105	227291	45.238	ng	#	98
24) Nitrobenzene	9.022	77	168498	43.391	ng		98
25) Isophorone	9.539	82	358766	45.459	ng		100
26) 2-Nitrophenol	9.733	139	75534	44.685	ng		99
27) 2,4-Dimethylphenol	9.792	122	130699	46.614	ng		98
28) bis(2-Chloroethoxy)met...	10.021	93	195999	45.635	ng		99
29) 2,4-Dichlorophenol	10.268	162	146328	50.264	ng		98
30) 1,2,4-Trichlorobenzene	10.480	180	144797	43.129	ng		97
31) Naphthalene	10.668	128	419947	42.462	ng		99
32) Benzoic acid	9.921	122	24927m	15.101	ng		
33) 4-Chloroaniline	10.785	127	73048	17.482	ng		99
34) Hexachlorobutadiene	10.944	225	88003	40.702	ng		98
35) Caprolactam	11.561	113	44653m	41.536	ng		
36) 4-Chloro-3-methylphenol	11.913	107	184778	51.309	ng		98
37) 2-Methylnaphthalene	12.277	142	303725	42.933	ng		99
38) 1-Methylnaphthalene	12.501	142	300746	44.722	ng		99
40) 1,2,4,5-Tetrachloroben...	12.648	216	184175	41.807	ng		100
41) Hexachlorocyclopentadiene	12.624	237	112277	57.011	ng		95
43) 2,4,6-Trichlorophenol	12.894	196	140220	46.276	ng		97

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44) 2,4,5-Trichlorophenol	12.971	196	149575	41.909	ng		97
46) 1,1'-Biphenyl	13.294	154	425578	43.186	ng		99
47) 2-Chloronaphthalene	13.335	162	339937	44.242	ng		100
48) 2-Nitroaniline	13.547	65	142704	48.659	ng		99
49) Acenaphthylene	14.187	152	575119	44.707	ng		99
50) Dimethylphthalate	13.923	163	495900	46.016	ng		99
51) 2,6-Dinitrotoluene	14.046	165	107511	45.467	ng		97
52) Acenaphthene	14.528	154	324150	43.609	ng		98
53) 3-Nitroaniline	14.375	138	78224	33.065	ng		99
54) 2,4-Dinitrophenol	14.592	184	37270	32.829	ng		94
55) Dibenzofuran	14.863	168	566033	44.317	ng		99
56) 4-Nitrophenol	14.698	139	136872	78.157	ng		97
57) 2,4-Dinitrotoluene	14.833	165	155617	47.470	ng		95
58) Fluorene	15.509	166	459406	45.277	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	144228	47.358	ng		98
60) Diethylphthalate	15.280	149	496671	45.239	ng		99
61) 4-Chlorophenyl-phenyle...	15.503	204	254114	44.922	ng		99
62) 4-Nitroaniline	15.544	138	108935	48.608	ng		98
63) Azobenzene	15.797	77	487537	45.085	ng		99
65) 4,6-Dinitro-2-methylph...	15.603	198	53066	27.096	ng		95
66) n-Nitrosodiphenylamine	15.720	169	411020	44.461	ng		99
67) 4-Bromophenyl-phenylether	16.396	248	176679	43.856	ng		97
68) Hexachlorobenzene	16.514	284	201834	47.280	ng		98
69) Atrazine	16.672	200	164033	52.562	ng		99
70) Pentachlorophenol	16.866	266	126949	49.131	ng		99
71) Phenanthrene	17.248	178	742249	44.064	ng		100
72) Anthracene	17.342	178	755197	43.694	ng		98
73) Carbazole	17.618	167	698822	45.850	ng		99
74) Di-n-butylphthalate	18.165	149	854354	44.752	ng		100
75) Fluoranthene	19.263	202	891139	44.042	ng		99
77) Benzidine	19.451	184	201201	43.662	ng		98
78) Pyrene	19.628	202	924015	44.679	ng		99
80) Butylbenzylphthalate	20.515	149	383141	45.102	ng		97
81) Benzo(a)anthracene	21.431	228	943940	45.136	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	259896	36.755	ng		99
83) Chrysene	21.496	228	874632	43.619	ng		99
84) Bis(2-ethylhexyl)phtha...	21.337	149	549605	44.273	ng	#	99
85) Di-n-octyl phthalate	22.489	149	982717	45.026	ng		99
87) Indeno(1,2,3-cd)pyrene	28.024	276	1150590	44.744	ng		99
88) Benzo(b)fluoranthene	23.552	252	986189	47.040	ng		99
89) Benzo(k)fluoranthene	23.617	252	973412	46.218	ng		99
90) Benzo(a)pyrene	24.381	252	895955	43.516	ng		100
91) Dibenzo(a,h)anthracene	28.077	278	950632	44.709	ng		98
92) Benzo(g,h,i)perylene	29.122	276	924480	43.359	ng		98

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

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