Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
Data File : BG055192.D
Acq On : 17 Oct 2022 13:30
Operator : CG/JU
Sample : PB148386BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 16:33:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	21461	20.000	ng		0.00
21) Naphthalene-d8	11.131	136	102931	20.000	ng		0.00
39) Acenaphthene-d10	14.915	164	87326	20.000	ng		0.00
64) Phenanthrene-d10	17.647	188	226013	20.000	ng		0.00
76) Chrysene-d12	21.936	240	199949	20.000	ng		0.01
86) Perylene-d12	25.368	264	210087	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.814	112	169582	154.598	ng		0.00
7) Phenol-d6	7.436	99	239590	147.654	ng		0.00
23) Nitrobenzene-d5	9.469	82	147644	76.919	ng		0.00
42) 2,4,6-Tribromophenol	16.396	330	182715	145.616	ng		0.00
45) 2-Fluorobiphenyl	13.546	172	433258	81.047	ng		0.00
79) Terphenyl-d14	20.227	244	905535	91.211	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.628	88	13338	28.736	ng		96
3) Pyridine	4.045	79	39976	27.313	ng		95
4) n-Nitrosodimethylamine	3.951	42	26840	34.557	ng		94
6) Aniline	7.606	93	89399	42.905	ng		97
8) 2-Chlorophenol	7.853	128	66916	50.026	ng		98
9) Benzaldehyde	7.418	77	21804	19.980	ng		94
10) Phenol	7.465	94	89174	49.466	ng		98
11) bis(2-Chloroethyl)ether	7.700	93	55619	43.620	ng		97
12) 1,3-Dichlorobenzene	8.188	146	65565	42.172	ng		96
13) 1,4-Dichlorobenzene	8.335	146	66961	42.660	ng		96
14) 1,2-Dichlorobenzene	8.658	146	67350	44.805	ng		98
15) Benzyl Alcohol	8.528	79	69447	47.873	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.816	45	84751	39.760	ng		96
17) 2-Methylphenol	8.728	107	65009	50.121	ng		99
18) Hexachloroethane	9.398	117	22278	41.867	ng		93
19) n-Nitroso-di-n-propyla...	9.098	70	56926	43.470	ng		97
20) 3+4-Methylphenols	9.057	107	89822	48.266	ng		97
22) Acetophenone	9.128	105	108767	42.678	ng	#	98
24) Nitrobenzene	9.516	77	79737	40.152	ng		97
25) Isophorone	10.038	82	162331	43.548	ng		98
26) 2-Nitrophenol	10.232	139	42000	44.639	ng		94
27) 2,4-Dimethylphenol	10.279	122	76140	53.211	ng		97
28) bis(2-Chloroethoxy)met...	10.514	93	86378	46.757	ng		99
29) 2,4-Dichlorophenol	10.767	162	81900	47.890	ng		99
30) 1,2,4-Trichlorobenzene	10.990	180	76563	41.503	ng		97
31) Naphthalene	11.184	128	222893	41.175	ng		99
32) Benzoic acid	10.409	122	39176m	33.468	ng		
33) 4-Chloroaniline	11.278	127	94263	40.511	ng		96
34) Hexachlorobutadiene	11.460	225	48761	41.454	ng		95
35) Caprolactam	12.054	113	32598m	46.400	ng		
36) 4-Chloro-3-methylphenol	12.377	107	94263	48.878	ng		95
37) 2-Methylnaphthalene	12.765	142	174710	43.100	ng		99
38) 1-Methylnaphthalene	12.982	142	169870	42.951	ng		98
40) 1,2,4,5-Tetrachloroben...	13.123	216	105982	43.029	ng		99
41) Hexachlorocyclopentadiene	13.100	237	120922	98.255	ng		98
43) 2,4,6-Trichlorophenol	13.358	196	77194	43.120	ng		96

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44) 2,4,5-Trichlorophenol	13.429	196	88959	44.782	ng		98
46) 1,1'-Biphenyl	13.752	154	252044	43.473	ng		99
47) 2-Chloronaphthalene	13.805	162	198514	42.329	ng		97
48) 2-Nitroaniline	13.993	65	68025	40.658	ng		98
49) Acenaphthylene	14.645	152	336272	42.713	ng		99
50) Dimethylphthalate	14.357	163	301631	42.970	ng		99
51) 2,6-Dinitrotoluene	14.480	165	64552	44.687	ng		93
52) Acenaphthene	14.980	154	239505m	47.027	ng		
53) 3-Nitroaniline	14.809	138	61386	36.653	ng		99
54) 2,4-Dinitrophenol	15.015	184	78244	89.043	ng		89
55) Dibenzofuran	15.309	168	341835	43.020	ng		99
56) 4-Nitrophenol	15.109	139	110095	84.418	ng		98
57) 2,4-Dinitrotoluene	15.262	165	95334	45.059	ng		96
58) Fluorene	15.955	166	277746	42.571	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.532	232	80791	41.214	ng		99
60) Diethylphthalate	15.708	149	317566	42.950	ng		99
61) 4-Chlorophenyl-phenyle...	15.937	204	156253	44.728	ng		99
62) 4-Nitroaniline	15.967	138	73593	40.701	ng		98
63) Azobenzene	16.231	77	256803	40.911	ng		97
65) 4,6-Dinitro-2-methylph...	16.026	198	57246	43.092	ng		96
66) n-Nitrosodiphenylamine	16.149	169	259387	43.503	ng		99
67) 4-Bromophenyl-phenylether	16.831	248	109697	44.523	ng		98
68) Hexachlorobenzene	16.954	284	129925	45.880	ng		98
69) Atrazine	17.083	200	107646	45.794	ng		99
70) Pentachlorophenol	17.295	266	131382	77.869	ng		97
71) Phenanthrene	17.694	178	491605	41.934	ng		99
72) Anthracene	17.782	178	499343	43.586	ng		99
73) Carbazole	18.047	167	459942	43.118	ng		100
74) Di-n-butylphthalate	18.581	149	542112	41.282	ng		99
75) Fluoranthene	19.680	202	571053	38.968	ng		99
77) Benzidine	19.850	184	322480	71.920	ng		99
78) Pyrene	20.038	202	575102	43.146	ng		98
80) Butylbenzylphthalate	20.902	149	215250	42.068	ng		99
81) Benzo(a)anthracene	21.919	228	545534	42.643	ng		99
82) 3,3'-Dichlorobenzidine	21.819	252	194073	44.203	ng		96
83) Chrysene	21.989	228	512272	42.449	ng		98
84) Bis(2-ethylhexyl)phtha...	21.789	149	303959	41.703	ng		98
85) Di-n-octyl phthalate	23.070	149	502698	41.369	ng		97
87) Indeno(1,2,3-cd)pyrene	29.328	276	666921	42.856	ng	#	93
88) Benzo(b)fluoranthene	24.269	252	580314	46.345	ng		99
89) Benzo(k)fluoranthene	24.345	252	554053	44.041	ng		99
90) Benzo(a)pyrene	25.203	252	505987	47.256	ng		99
91) Dibenzo(a,h)anthracene	29.392	278	592694	46.025	ng		98
92) Benzo(g,h,i)perylene	30.561	276	575418	45.615	ng		98

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

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