Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
Data File : BG055041.D
Acq On : 30 Sep 2022 15:02
Operator : CG/JU
Sample : PB148010BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 01 02:12:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 15:43:39 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148010BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.346	152	34287	20.000	ng		0.00
21) Naphthalene-d8	11.178	136	147676	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	102737	20.000	ng		0.00
64) Phenanthrene-d10	17.688	188	254739	20.000	ng		0.00
76) Chrysene-d12	21.983	240	263629	20.000	ng		#-0.01
86) Perylene-d12	25.438	264	283351	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.867	112	273556	152.943	ng		0.00
7) Phenol-d6	7.477	99	352982	148.741	ng		0.00
23) Nitrobenzene-d5	9.516	82	197157	86.143	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	162598	139.478	ng		0.00
45) 2-Fluorobiphenyl	13.587	172	531277	81.400	ng		0.00
79) Terphenyl-d14	20.262	244	1108642	87.691	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	30589	34.528	ng		96
3) Pyridine	4.110	79	82552	32.791	ng		98
4) n-Nitrosodimethylamine	4.016	42	52217	42.657	ng		90
6) Aniline	7.659	93	141531	45.267	ng		98
8) 2-Chlorophenol	7.900	128	92400	46.264	ng		99
9) Benzaldehyde	7.471	77	62364	40.335	ng		97
10) Phenol	7.500	94	123827	46.007	ng		95
11) bis(2-Chloroethyl)ether	7.747	93	87958	43.543	ng		97
12) 1,3-Dichlorobenzene	8.235	146	106848	43.704	ng		98
13) 1,4-Dichlorobenzene	8.382	146	108044	43.575	ng		99
14) 1,2-Dichlorobenzene	8.705	146	105592	45.067	ng		99
15) Benzyl Alcohol	8.576	79	91254	44.928	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.869	45	143791	42.541	ng		97
17) 2-Methylphenol	8.769	107	86358	45.934	ng		96
18) Hexachloroethane	9.451	117	35023	42.999	ng		93
19) n-Nitroso-di-n-propyla...	9.151	70	77068	41.337	ng		96
20) 3+4-Methylphenols	9.098	107	113670	43.877	ng		96
22) Acetophenone	9.169	105	152023	41.964	ng	#	98
24) Nitrobenzene	9.563	77	104495	42.140	ng		98
25) Isophorone	10.086	82	213294	41.507	ng		99
26) 2-Nitrophenol	10.274	139	37087	35.843	ng		99
27) 2,4-Dimethylphenol	10.321	122	96172	47.876	ng		98
28) bis(2-Chloroethoxy)met...	10.561	93	119539	44.565	ng		100
29) 2,4-Dichlorophenol	10.808	162	96269	42.909	ng		95
30) 1,2,4-Trichlorobenzene	11.031	180	105624	40.106	ng		98
31) Naphthalene	11.231	128	304386	39.517	ng		100
32) Benzoic acid	10.432	122	48088	35.326	ng		97
33) 4-Chloroaniline	11.319	127	96740	30.876	ng		97
34) Hexachlorobutadiene	11.507	225	68887	40.092	ng		98
35) Caprolactam	12.077	113	32440m	44.030	ng		
36) 4-Chloro-3-methylphenol	12.406	107	106697	43.102	ng		94
37) 2-Methylnaphthalene	12.806	142	218698	39.570	ng		98
38) 1-Methylnaphthalene	13.023	142	208667	39.106	ng		97
40) 1,2,4,5-Tetrachloroben...	13.164	216	125391	41.587	ng		99
41) Hexachlorocyclopentadiene	13.147	237	146833	96.167	ng		99
43) 2,4,6-Trichlorophenol	13.393	196	79817	41.556	ng		99

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44) 2,4,5-Trichlorophenol	13.464	196	90798	41.566	ng		94
46) 1,1'-Biphenyl	13.793	154	296079	42.129	ng		99
47) 2-Chloronaphthalene	13.840	162	228691	40.264	ng		98
48) 2-Nitroaniline	14.028	65	59198	37.881	ng		97
49) Acenaphthylene	14.680	152	376327	40.833	ng		98
50) Dimethylphthalate	14.398	163	311353	40.552	ng		100
51) 2,6-Dinitrotoluene	14.516	165	57501	40.253	ng		95
52) Acenaphthene	15.015	154	247229	43.214	ng		98
53) 3-Nitroaniline	14.845	138	58368	35.535	ng	#	93
54) 2,4-Dinitrophenol	15.044	184	55419	85.579	ng		92
55) Dibenzofuran	15.350	168	373039	40.343	ng		98
56) 4-Nitrophenol	15.127	139	113696	91.501	ng		91
57) 2,4-Dinitrotoluene	15.291	165	81882	41.848	ng		94
58) Fluorene	15.990	166	295746	40.059	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.561	232	80613	40.961	ng		99
60) Diethylphthalate	15.749	149	326079	41.162	ng		100
61) 4-Chlorophenyl-phenyle...	15.979	204	164569	41.673	ng		100
62) 4-Nitroaniline	16.002	138	73182	44.773	ng		91
63) Azobenzene	16.272	77	293282	39.455	ng		96
65) 4,6-Dinitro-2-methylph...	16.055	198	35215	35.908	ng		86
66) n-Nitrosodiphenylamine	16.190	169	277617	40.484	ng		97
67) 4-Bromophenyl-phenylether	16.872	248	109335	39.845	ng		99
68) Hexachlorobenzene	16.989	284	125690	40.554	ng		99
69) Atrazine	17.124	200	117138	46.089	ng		99
70) Pentachlorophenol	17.330	266	146684	84.052	ng		99
71) Phenanthrene	17.730	178	525664	39.971	ng		98
72) Anthracene	17.824	178	534591	41.209	ng		99
73) Carbazole	18.082	167	512609	42.156	ng		98
74) Di-n-butylphthalate	18.623	149	601314	41.154	ng		99
75) Fluoranthene	19.715	202	687089	40.768	ng		98
77) Benzidine	19.886	184	541886	83.007	ng		98
78) Pyrene	20.074	202	691603	41.002	ng		99
80) Butylbenzylphthalate	20.949	149	247185	40.566	ng		96
81) Benzo(a)anthracene	21.966	228	679677	40.248	ng		98
82) 3,3'-Dichlorobenzidine	21.866	252	211919	38.806	ng		98
83) Chrysene	22.036	228	630793	39.661	ng		99
84) Bis(2-ethylhexyl)phtha...	21.854	149	374115	41.481	ng		99
85) Di-n-octyl phthalate	23.158	149	611730	40.418	ng		98
87) Indeno(1,2,3-cd)pyrene	29.428	276	847384	40.934	ng		97
88) Benzo(b)fluoranthene	24.339	252	736361	43.647	ng	#	98
89) Benzo(k)fluoranthene	24.416	252	715315	42.859	ng	#	97
90) Benzo(a)pyrene	25.279	252	651844	45.716	ng	#	98
91) Dibenzo(a,h)anthracene	29.504	278	731444	42.927	ng	#	97
92) Benzo(g,h,i)perylene	30.685	276	723137	43.140	ng	#	94

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

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