Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
Data File : BG056925.D
Acq On : 30 Mar 2023 15:24
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 30 16:13:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 16:07:09 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.414	152	21752	20.000	ng		0.00
21) Naphthalene-d8	11.257	136	85627	20.000	ng	#	0.00
39) Acenaphthene-d10	15.034	164	65776	20.000	ng		0.00
64) Phenanthrene-d10	17.772	188	162761	20.000	ng		0.00
76) Chrysene-d12	22.095	240	150663	20.000	ng		0.00
86) Perylene-d12	25.638	264	165219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	127456	90.310	ng		0.00
7) Phenol-d6	7.544	99	195667	93.908	ng		0.00
23) Nitrobenzene-d5	9.595	82	200139	94.129	ng		0.00
42) 2,4,6-Tribromophenol	16.509	330	103746	97.205	ng		0.00
45) 2-Fluorobiphenyl	13.660	172	465645	93.497	ng		0.00
79) Terphenyl-d14	20.339	244	837601	91.172	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.726	88	28473	45.956	ng		96
3) Pyridine	4.149	79	94622m	49.506	ng		
4) n-Nitrosodimethylamine	4.055	42	42998	47.650	ng		99
6) Aniline	7.726	93	122516	45.259	ng		98
8) 2-Chlorophenol	7.973	128	64866	46.183	ng		93
9) Benzaldehyde	7.538	77	60637	40.602	ng		95
10) Phenol	7.568	94	95800	45.977	ng		97
11) bis(2-Chloroethyl)ether	7.815	93	67277	44.681	ng		96
12) 1,3-Dichlorobenzene	8.302	146	70782	45.160	ng		96
13) 1,4-Dichlorobenzene	8.449	146	70412	44.602	ng		97
14) 1,2-Dichlorobenzene	8.778	146	68971	45.145	ng		93
15) Benzyl Alcohol	8.643	79	83457	49.036	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.937	45	79586	43.845	ng		97
17) 2-Methylphenol	8.843	107	70410	47.903	ng		94
18) Hexachloroethane	9.518	117	26237	45.465	ng		92
19) n-Nitroso-di-n-propyla...	9.219	70	69376	46.347	ng		95
20) 3+4-Methylphenols	9.172	107	95645	46.257	ng		97
22) Acetophenone	9.242	105	118833	45.385	ng	#	99
24) Nitrobenzene	9.636	77	102815	47.543	ng		97
25) Isophorone	10.158	82	187658	46.154	ng		99
26) 2-Nitrophenol	10.352	139	41047	50.220	ng		92
27) 2,4-Dimethylphenol	10.393	122	69322	46.861	ng		99
28) bis(2-Chloroethoxy)met...	10.634	93	92064	44.310	ng		100
29) 2,4-Dichlorophenol	10.893	162	75075	47.415	ng		98
30) 1,2,4-Trichlorobenzene	11.116	180	77889	45.616	ng		97
31) Naphthalene	11.310	128	219644	46.102	ng		98
32) Benzoic acid	10.517	122	51445	53.605	ng		94
33) 4-Chloroaniline	11.404	127	100269	46.777	ng		96
34) Hexachlorobutadiene	11.586	225	59753	46.632	ng		96
35) Caprolactam	12.173	113	26564	47.963	ng	#	85
36) 4-Chloro-3-methylphenol	12.491	107	84970	48.178	ng		94
37) 2-Methylnaphthalene	12.884	142	176212	46.566	ng		98
38) 1-Methylnaphthalene	13.102	142	161799	45.139	ng		100
40) 1,2,4,5-Tetrachloroben...	13.243	216	111049	47.853	ng		99
41) Hexachlorocyclopentadiene	13.219	237	66588	56.414	ng		95
43) 2,4,6-Trichlorophenol	13.472	196	71357	48.838	ng		98

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44) 2,4,5-Trichlorophenol	13.542	196	85637	49.728	ng		96
46) 1,1'-Biphenyl	13.865	154	235429	48.103	ng		98
47) 2-Chloronaphthalene	13.918	162	168919	46.280	ng		96
48) 2-Nitroaniline	14.106	65	63521	50.064	ng		95
49) Acenaphthylene	14.758	152	283019	47.307	ng		99
50) Dimethylphthalate	14.464	163	250323	46.772	ng		99
51) 2,6-Dinitrotoluene	14.588	165	54987	48.065	ng		94
52) Acenaphthene	15.093	154	196285	48.011	ng		97
53) 3-Nitroaniline	14.923	138	54934	48.760	ng		100
54) 2,4-Dinitrophenol	15.122	184	32958	56.209	ng	#	88
55) Dibenzofuran	15.422	168	290715	46.766	ng		95
56) 4-Nitrophenol	15.210	139	42682	52.881	ng		94
57) 2,4-Dinitrotoluene	15.375	165	77858	48.380	ng		99
58) Fluorene	16.074	166	239398	46.303	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.645	232	79332	50.629	ng		98
60) Diethylphthalate	15.816	149	252757	47.396	ng		97
61) 4-Chlorophenyl-phenyle...	16.051	204	140063	46.332	ng		98
62) 4-Nitroaniline	16.086	138	56109	47.931	ng		98
63) Azobenzene	16.344	77	248809	46.720	ng		100
65) 4,6-Dinitro-2-methylph...	16.133	198	50844	53.808	ng		97
66) n-Nitrosodiphenylamine	16.262	169	211265	47.957	ng		96
67) 4-Bromophenyl-phenylether	16.943	248	96607	47.601	ng		96
68) Hexachlorobenzene	17.073	284	95175	47.303	ng		98
69) Atrazine	17.196	200	84792	45.169	ng		96
70) Pentachlorophenol	17.413	266	71287	50.916	ng		97
71) Phenanthrene	17.813	178	398553	47.050	ng		98
72) Anthracene	17.907	178	406530	46.723	ng		99
73) Carbazole	18.165	167	350781	45.588	ng		97
74) Di-n-butylphthalate	18.694	149	405763	45.805	ng		98
75) Fluoranthene	19.798	202	499945	45.829	ng		100
77) Benzidine	19.963	184	192640	44.319	ng		98
78) Pyrene	20.163	202	502926	47.077	ng		96
80) Butylbenzylphthalate	21.020	149	176624	49.581	ng		96
81) Benzo(a)anthracene	22.072	228	505805	47.821	ng		99
82) 3,3'-Dichlorobenzidine	21.972	252	170865	47.702	ng		97
83) Chrysene	22.148	228	464991	46.701	ng		100
84) Bis(2-ethylhexyl)phtha...	21.931	149	257199	49.817	ng		97
85) Di-n-octyl phthalate	23.253	149	431843	49.659	ng		99
87) Indeno(1,2,3-cd)pyrene	29.744	276	590222	47.795	ng	#	98
88) Benzo(b)fluoranthene	24.510	252	509263	49.231	ng		99
89) Benzo(k)fluoranthene	24.580	252	499154	47.719	ng		98
90) Benzo(a)pyrene	25.479	252	496029	48.129	ng		97
91) Dibenzo(a,h)anthracene	29.814	278	484103	47.491	ng		99
92) Benzo(g,h,i)perylene	31.036	276	476123	47.832	ng		99

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

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