Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
Data File : BG060887.D
Acq On : 13 Apr 2024 10:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 15 01:13:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.953	152	66436	20.000	ng		0.00
21) Naphthalene-d8	10.750	136	274584	20.000	ng		0.00
39) Acenaphthene-d10	14.587	164	215337	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	506349	20.000	ng		0.00
76) Chrysene-d12	21.602	240	452361	20.000	ng		0.00
86) Perylene-d12	24.745	264	544565	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.538	112	288512	72.345	ng		0.00
7) Phenol-d6	7.119	99	411364	69.490	ng		0.00
23) Nitrobenzene-d5	9.111	82	440299	91.499	ng		0.00
42) 2,4,6-Tribromophenol	16.079	330	255195	104.399	ng		0.00
45) 2-Fluorobiphenyl	13.212	172	1135419	77.384	ng		0.00
79) Terphenyl-d14	19.957	244	1957805	76.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.459	88	53491	32.715	ng		96
3) Pyridine	3.846	79	176647	35.817	ng		90
4) n-Nitrosodimethylamine	3.764	42	114993	39.006	ng		95
6) Aniline	7.278	93	251944	33.703	ng		98
8) 2-Chlorophenol	7.518	128	167267	36.996	ng		97
9) Benzaldehyde	7.090	77	111860m	34.268	ng		
10) Phenol	7.148	94	206689	34.212	ng		97
11) bis(2-Chloroethyl)ether	7.377	93	167603	34.361	ng		99
12) 1,3-Dichlorobenzene	7.842	146	178924	38.055	ng		98
13) 1,4-Dichlorobenzene	7.989	146	181293	37.795	ng		98
14) 1,2-Dichlorobenzene	8.306	146	176174	37.477	ng		99
15) Benzyl Alcohol	8.188	79	181968	37.948	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.482	45	403173	36.626	ng		99
17) 2-Methylphenol	8.394	107	166377	36.480	ng		98
18) Hexachloroethane	9.034	117	64697	37.976	ng		90
19) n-Nitroso-di-n-propyla...	8.758	70	157971	34.993	ng		96
20) 3+4-Methylphenols	8.723	107	228410	36.572	ng		93
22) Acetophenone	8.770	105	285047	37.648	ng		97
24) Nitrobenzene	9.152	77	217526	41.037	ng		98
25) Isophorone	9.675	82	405207	36.560	ng		99
26) 2-Nitrophenol	9.863	139	98114	51.525	ng	#	90
27) 2,4-Dimethylphenol	9.927	122	163279	36.674	ng		99
28) bis(2-Chloroethoxy)met...	10.162	93	232825	35.581	ng		99
29) 2,4-Dichlorophenol	10.397	162	173233	42.371	ng		97
30) 1,2,4-Trichlorobenzene	10.615	180	189571	40.948	ng		95
31) Naphthalene	10.803	128	548628	36.936	ng		99
32) Benzoic acid	10.074	122	134456	45.762	ng		94
33) 4-Chloroaniline	10.903	127	247946	35.940	ng		98
34) Hexachlorobutadiene	11.091	225	137556	44.583	ng		96
35) Caprolactam	11.684	113	62276	38.459	ng		93
36) 4-Chloro-3-methylphenol	12.037	107	205145	39.278	ng		97
37) 2-Methylnaphthalene	12.413	142	411034	37.640	ng		98
38) 1-Methylnaphthalene	12.630	142	386529	37.468	ng		97
40) 1,2,4,5-Tetrachloroben...	12.777	216	256062	41.362	ng		99
41) Hexachlorocyclopentadiene	12.759	237	143055	45.446	ng		98
43) 2,4,6-Trichlorophenol	13.018	196	179606	45.056	ng		94

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44) 2,4,5-Trichlorophenol	13.088	196	211410	44.440	ng		97
46) 1,1'-Biphenyl	13.417	154	567107	37.285	ng		99
47) 2-Chloronaphthalene	13.464	162	431645	37.352	ng		99
48) 2-Nitroaniline	13.658	65	175647	47.049	ng		96
49) Acenaphthylene	14.311	152	722298	37.199	ng		98
50) Dimethylphthalate	14.046	163	628260	36.912	ng		99
51) 2,6-Dinitrotoluene	14.158	165	128976	42.736	ng		96
52) Acenaphthene	14.651	154	468587m	38.436	ng		
53) 3-Nitroaniline	14.487	138	140037	42.252	ng		97
54) 2,4-Dinitrophenol	14.692	184	77147	65.118	ng		90
55) Dibenzofuran	14.986	168	706153	36.722	ng		98
56) 4-Nitrophenol	14.798	139	107582	43.237	ng		90
57) 2,4-Dinitrotoluene	14.945	165	188552	47.631	ng		94
58) Fluorene	15.633	166	575555	37.293	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.215	232	190153	45.867	ng		95
60) Diethylphthalate	15.409	149	614160	35.866	ng		99
61) 4-Chlorophenyl-phenyle...	15.633	204	315979	38.699	ng		97
62) 4-Nitroaniline	15.650	138	149200	47.945	ng		94
63) Azobenzene	15.926	77	581307	34.837	ng		95
65) 4,6-Dinitro-2-methylph...	15.715	198	112152	52.840	ng		97
66) n-Nitrosodiphenylamine	15.844	169	539945	37.316	ng		99
67) 4-Bromophenyl-phenylether	16.526	248	219038	42.625	ng		99
68) Hexachlorobenzene	16.643	284	236438	40.758	ng		96
69) Atrazine	16.796	200	195953	38.726	ng		99
70) Pentachlorophenol	16.984	266	172639	45.609	ng		94
71) Phenanthrene	17.378	178	975189	37.031	ng		100
72) Anthracene	17.472	178	1008623	37.714	ng		99
73) Carbazole	17.736	167	878199	37.244	ng		99
74) Di-n-butylphthalate	18.306	149	1057477	35.972	ng		100
75) Fluoranthene	19.393	202	1195416	37.409	ng		97
77) Benzidine	19.569	184	441773	37.087	ng		98
78) Pyrene	19.751	202	1210200	38.253	ng		100
80) Butylbenzylphthalate	20.650	149	451922	39.159	ng		99
81) Benzo(a)anthracene	21.584	228	1186679	37.216	ng		99
82) 3,3'-Dichlorobenzidine	21.496	252	432838	40.202	ng		95
83) Chrysene	21.649	228	1142803	37.184	ng		99
84) Bis(2-ethylhexyl)phtha...	21.514	149	652296	35.461	ng		97
85) Di-n-octyl phthalate	22.707	149	1149261	38.351	ng		98
87) Indeno(1,2,3-cd)pyrene	28.324	276	1423164	37.111	ng		98
88) Benzo(b)fluoranthene	23.752	252	1122439	35.878	ng		99
89) Benzo(k)fluoranthene	23.817	252	1167871	36.471	ng		99
90) Benzo(a)pyrene	24.598	252	1123090	36.940	ng		98
91) Dibenzo(a,h)anthracene	28.394	278	1178957	36.470	ng	#	96
92) Benzo(g,h,i)perylene	29.440	276	1149970	36.569	ng		97

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

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