Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
Data File : BG063134.D
Acq On : 31 Oct 2024 15:25
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 01 04:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 04:41:50 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	96102	20.000	ng		0.00
21) Naphthalene-d8	10.637	136	353978	20.000	ng	#	0.00
39) Acenaphthene-d10	14.479	164	273492	20.000	ng		0.00
64) Phenanthrene-d10	17.229	188	719075	20.000	ng		0.00
76) Chrysene-d12	21.483	240	834296	20.000	ng		0.00
86) Perylene-d12	24.521	264	940585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.437	112	567251	91.527	ng		0.00
7) Phenol-d6	7.024	99	764950	94.188	ng		0.00
23) Nitrobenzene-d5	9.004	82	821420	100.927	ng		0.00
42) 2,4,6-Tribromophenol	15.972	330	484164	104.219	ng		0.00
45) 2-Fluorobiphenyl	13.099	172	1814525	98.267	ng		0.00
79) Terphenyl-d14	19.861	244	3820603	94.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	111839	45.937	ng		98
3) Pyridine	3.745	79	274050	46.619	ng		95
4) n-Nitrosodimethylamine	3.663	42	188662	51.665	ng		99
6) Aniline	7.176	93	335762	45.971	ng		93
8) 2-Chlorophenol	7.411	128	274353	47.667	ng		99
9) Benzaldehyde	6.988	77	220622	43.717	ng		84
10) Phenol	7.047	94	411347	47.279	ng		100
11) bis(2-Chloroethyl)ether	7.270	93	272335	46.410	ng		97
12) 1,3-Dichlorobenzene	7.734	146	324607	46.432	ng		98
13) 1,4-Dichlorobenzene	7.881	146	339763	47.729	ng		98
14) 1,2-Dichlorobenzene	8.199	146	325868	47.490	ng		98
15) Benzyl Alcohol	8.081	79	321183	49.217	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	497720	46.761	ng		96
17) 2-Methylphenol	8.293	107	260780	47.117	ng		98
18) Hexachloroethane	8.921	117	119233	46.803	ng		89
19) n-Nitroso-di-n-propyla...	8.651	70	275378	48.687	ng		98
20) 3+4-Methylphenols	8.622	107	350778	47.394	ng		96
22) Acetophenone	8.663	105	490909	51.755	ng		98
24) Nitrobenzene	9.045	77	431896	49.076	ng		99
25) Isophorone	9.562	82	703571	49.976	ng		99
26) 2-Nitrophenol	9.750	139	170342	52.630	ng		95
27) 2,4-Dimethylphenol	9.814	122	200901	50.490	ng		96
28) bis(2-Chloroethoxy)met...	10.043	93	370255	50.157	ng		99
29) 2,4-Dichlorophenol	10.290	162	304609	50.686	ng		96
30) 1,2,4-Trichlorobenzene	10.502	180	370572	50.131	ng		96
31) Naphthalene	10.684	128	940828	50.385	ng		98
32) Benzoic acid	9.967	122	194266m	55.892	ng		
33) 4-Chloroaniline	10.796	127	322599	51.193	ng		95
34) Hexachlorobutadiene	10.972	225	307501	50.545	ng		95
35) Caprolactam	11.565	113	95059	49.528	ng	#	86
36) 4-Chloro-3-methylphenol	11.924	107	347788	50.230	ng		93
37) 2-Methylnaphthalene	12.300	142	647698	48.898	ng		98
38) 1-Methylnaphthalene	12.517	142	634576m	48.671	ng		
40) 1,2,4,5-Tetrachloroben...	12.670	216	486128	49.465	ng		99
41) Hexachlorocyclopentadiene	12.646	237	173799	54.428	ng		95
43) 2,4,6-Trichlorophenol	12.911	196	296837	50.442	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	337403	52.154	ng		99
46) 1,1'-Biphenyl	13.310	154	899079	48.435	ng		100
47) 2-Chloronaphthalene	13.351	162	757321	48.715	ng		99
48) 2-Nitroaniline	13.557	65	280965	51.493	ng		91
49) Acenaphthylene	14.203	152	1084721	49.426	ng		97
50) Dimethylphthalate	13.939	163	968468	49.685	ng		97
51) 2,6-Dinitrotoluene	14.056	165	215351	51.746	ng		93
52) Acenaphthene	14.544	154	663118	48.804	ng		99
53) 3-Nitroaniline	14.385	138	200818	50.825	ng		99
54) 2,4-Dinitrophenol	14.597	184	148038	58.325	ng		95
55) Dibenzofuran	14.879	168	1188096	49.592	ng		99
56) 4-Nitrophenol	14.703	139	163999	54.822	ng		93
57) 2,4-Dinitrotoluene	14.850	165	314980	52.917	ng	#	97
58) Fluorene	15.531	166	948515	49.961	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.108	232	318323	51.274	ng		98
60) Diethylphthalate	15.302	149	1015027	50.715	ng		96
61) 4-Chlorophenyl-phenyle...	15.525	204	591186	50.099	ng		99
62) 4-Nitroaniline	15.555	138	231175	53.030	ng		99
63) Azobenzene	15.819	77	1045407	50.500	ng		97
65) 4,6-Dinitro-2-methylph...	15.613	198	244761	52.942	ng		95
66) n-Nitrosodiphenylamine	15.743	169	860081	47.945	ng		98
67) 4-Bromophenyl-phenylether	16.418	248	421234	47.800	ng		95
68) Hexachlorobenzene	16.542	284	497628	48.743	ng		99
69) Atrazine	16.695	200	421504	51.113	ng		95
70) Pentachlorophenol	16.883	266	286334	56.373	ng		94
71) Phenanthrene	17.270	178	1718654	49.303	ng		99
72) Anthracene	17.364	178	1685444	49.261	ng		100
73) Carbazole	17.635	167	1598463	49.629	ng		100
74) Di-n-butylphthalate	18.199	149	1789557	48.938	ng		99
75) Fluoranthene	19.291	202	2363896	47.907	ng		100
77) Benzidine	19.474	184	405357	31.534	ng		96
78) Pyrene	19.656	202	2443754	49.412	ng		100
80) Butylbenzylphthalate	20.555	149	784750	49.247	ng		93
81) Benzo(a)anthracene	21.465	228	2522322	48.009	ng		99
82) 3,3'-Dichlorobenzidine	21.389	252	906555	46.540	ng		97
83) Chrysene	21.530	228	2379922	48.223	ng		98
84) Bis(2-ethylhexyl)phtha...	21.383	149	1122654	48.566	ng		98
85) Di-n-octyl phthalate	22.529	149	1910098	49.388	ng		99
87) Indeno(1,2,3-cd)pyrene	27.958	276	3183930	50.436	ng		100
88) Benzo(b)fluoranthene	23.563	252	2677127	48.819	ng		97
89) Benzo(k)fluoranthene	23.628	252	2629291	50.256	ng		98
90) Benzo(a)pyrene	24.380	252	2373360	49.583	ng		99
91) Dibenzo(a,h)anthracene	28.005	278	2606519	49.465	ng		99
92) Benzo(g,h,i)perylene	29.027	276	2601280	49.942	ng		99

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

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