Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
Data File : BG060396.D
Acq On : 23 Jan 2024 9:45
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 10:19:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.929	152	194898	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	869557	20.000	ng	#	0.00
39) Acenaphthene-d10	14.569	164	653776	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1652789	20.000	ng		0.00
76) Chrysene-d12	21.584	240	1588954	20.000	ng		0.00
86) Perylene-d12	24.745	264	1799611	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	892538	75.323	ng		0.00
7) Phenol-d6	7.101	99	1428327	81.403	ng		0.00
23) Nitrobenzene-d5	9.093	82	1497512	81.320	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	825438	85.814	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	3669179	78.029	ng		0.00
79) Terphenyl-d14	19.933	244	5279761	83.098	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	219298	40.515	ng		99
3) Pyridine	3.805	79	561694	36.780	ng		96
4) n-Nitrosodimethylamine	3.716	42	153483	32.113	ng	#	95
6) Aniline	7.259	93	713436	40.679	ng		98
8) 2-Chlorophenol	7.494	128	488500	41.598	ng		95
9) Benzaldehyde	7.071	77	353703m	35.119	ng		
10) Phenol	7.124	94	709442	40.327	ng		97
11) bis(2-Chloroethyl)ether	7.353	93	552349	38.531	ng		95
12) 1,3-Dichlorobenzene	7.823	146	572339	38.829	ng		99
13) 1,4-Dichlorobenzene	7.964	146	599324	40.074	ng		99
14) 1,2-Dichlorobenzene	8.288	146	602956	39.208	ng		100
15) Benzyl Alcohol	8.170	79	499766	44.001	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	685369m	39.391	ng		
17) 2-Methylphenol	8.376	107	508395	42.074	ng		99
18) Hexachloroethane	9.010	117	205653	39.219	ng		86
19) n-Nitroso-di-n-propyla...	8.734	70	496745	40.905	ng		98
20) 3+4-Methylphenols	8.705	107	707201	43.408	ng		97
22) Acetophenone	8.752	105	908798	38.021	ng		100
24) Nitrobenzene	9.134	77	723642	37.907	ng		97
25) Isophorone	9.657	82	1434695	38.795	ng		97
26) 2-Nitrophenol	9.845	139	305929	43.586	ng		97
27) 2,4-Dimethylphenol	9.903	122	377514	40.704	ng		96
28) bis(2-Chloroethoxy)met...	10.138	93	832445	36.841	ng		99
29) 2,4-Dichlorophenol	10.379	162	614993	40.919	ng		98
30) 1,2,4-Trichlorobenzene	10.597	180	732429	39.171	ng		94
31) Naphthalene	10.785	128	1825479	40.049	ng		99
32) Benzoic acid	10.044	122	340771	42.965	ng		93
33) 4-Chloroaniline	10.896	127	718321	40.900	ng		98
34) Hexachlorobutadiene	11.067	225	474227	38.933	ng		96
35) Caprolactam	11.672	113	210952	43.578	ng		91
36) 4-Chloro-3-methylphenol	12.019	107	648423	42.469	ng		97
37) 2-Methylnaphthalene	12.389	142	1329213	39.319	ng		98
38) 1-Methylnaphthalene	12.612	142	1329492	39.164	ng		97
40) 1,2,4,5-Tetrachloroben...	12.759	216	857556	36.933	ng		99
41) Hexachlorocyclopentadiene	12.735	237	289261	37.523	ng		98
43) 2,4,6-Trichlorophenol	13.000	196	590990	39.995	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	673671	41.334	ng		96
46) 1,1'-Biphenyl	13.399	154	1895657	38.413	ng		96
47) 2-Chloronaphthalene	13.446	162	1625978	38.460	ng		99
48) 2-Nitroaniline	13.652	65	458434	43.542	ng		99
49) Acenaphthylene	14.292	152	2392670	41.098	ng		99
50) Dimethylphthalate	14.022	163	2021896	40.470	ng		99
51) 2,6-Dinitrotoluene	14.145	165	474553	44.515	ng		98
52) Acenaphthene	14.633	154	1468763	40.516	ng		99
53) 3-Nitroaniline	14.474	138	433682	44.645	ng		96
54) 2,4-Dinitrophenol	14.680	184	250574	43.192	ng		99
55) Dibenzofuran	14.968	168	2427728	40.117	ng		99
56) 4-Nitrophenol	14.786	139	354714	49.231	ng		95
57) 2,4-Dinitrotoluene	14.933	165	661824	45.272	ng		97
58) Fluorene	15.614	166	2036344	40.634	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	601058	43.430	ng		99
60) Diethylphthalate	15.385	149	1983420	41.353	ng		99
61) 4-Chlorophenyl-phenyle...	15.608	204	1103297	39.965	ng		99
62) 4-Nitroaniline	15.644	138	476576	46.097	ng		95
63) Azobenzene	15.902	77	1899132	39.147	ng		98
65) 4,6-Dinitro-2-methylph...	15.697	198	410315	44.875	ng		97
66) n-Nitrosodiphenylamine	15.826	169	1794583	40.892	ng		99
67) 4-Bromophenyl-phenylether	16.502	248	723713	39.850	ng		96
68) Hexachlorobenzene	16.619	284	855736	39.807	ng		98
69) Atrazine	16.772	200	630637	38.110	ng		98
70) Pentachlorophenol	16.966	266	543056	46.866	ng		94
71) Phenanthrene	17.359	178	3198085	40.032	ng		97
72) Anthracene	17.447	178	3206057	40.196	ng		97
73) Carbazole	17.724	167	3063954	40.747	ng		99
74) Di-n-butylphthalate	18.276	149	3270926	42.277	ng		100
75) Fluoranthene	19.375	202	3808009	39.686	ng		95
77) Benzidine	19.557	184	1090799	31.599	ng		99
78) Pyrene	19.733	202	3940748	38.837	ng		94
80) Butylbenzylphthalate	20.620	149	1640781	47.000	ng		96
81) Benzo(a)anthracene	21.560	228	4007844	40.743	ng		97
82) 3,3'-Dichlorobenzidine	21.478	252	1523220	40.434	ng		100
83) Chrysene	21.625	228	3792493	39.201	ng		98
84) Bis(2-ethylhexyl)phtha...	21.460	149	2370213	44.931	ng		99
85) Di-n-octyl phthalate	22.647	149	3877068	45.353	ng		99
87) Indeno(1,2,3-cd)pyrene	28.364	276	5010057	40.039	ng	#	93
88) Benzo(b)fluoranthene	23.740	252	4270013	40.164	ng		98
89) Benzo(k)fluoranthene	23.811	252	4105776	39.136	ng		98
90) Benzo(a)pyrene	24.598	252	3814556	39.719	ng		99
91) Dibenzo(a,h)anthracene	28.423	278	4125288	40.369	ng		99
92) Benzo(g,h,i)perylene	29.498	276	4180068	39.911	ng		98

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

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