Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060637.D
Acq On : 14 Mar 2024 13:50
Operator : MA/JU
Sample : IDOC-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 15 02:12:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC-01

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.323	152	96959	20.000	ng		0.00
21) Naphthalene-d8	11.167	136	448592	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	299449	20.000	ng		0.00
64) Phenanthrene-d10	17.694	188	611826	20.000	ng		0.00
76) Chrysene-d12	22.019	240	538199	20.000	ng		0.00
86) Perylene-d12	25.567	264	612517	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.814	112	892545	144.708	ng		0.00
7) Phenol-d6	7.442	99	1248495	139.540	ng		0.00
23) Nitrobenzene-d5	9.522	82	744790	86.407	ng		0.00
42) 2,4,6-Tribromophenol	16.437	330	481813	138.851	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	1863148	84.123	ng		0.00
79) Terphenyl-d14	20.274	244	2613486	87.774	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	90803	35.171	ng		96
3) Pyridine	4.063	79	236454	30.989	ng		99
4) n-Nitrosodimethylamine	3.993	42	153277	40.950	ng		96
6) Aniline	7.647	93	310615	28.411	ng		98
8) 2-Chlorophenol	7.871	128	336153	49.857	ng		97
9) Benzaldehyde	7.465	77	105434	21.051	ng		97
10) Phenol	7.465	94	452789	50.436	ng		99
11) bis(2-Chloroethyl)ether	7.735	93	315484	44.083	ng		98
12) 1,3-Dichlorobenzene	8.205	146	326027	44.840	ng		97
13) 1,4-Dichlorobenzene	8.358	146	343998	46.673	ng		97
14) 1,2-Dichlorobenzene	8.681	146	330875	45.202	ng		97
15) Benzyl Alcohol	8.564	79	320363	45.290	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.828	45	629153	45.284	ng		98
17) 2-Methylphenol	8.740	107	315841	45.817	ng		97
18) Hexachloroethane	9.410	117	117237	46.565	ng		95
19) n-Nitroso-di-n-propyla...	9.134	70	271316	43.747	ng		97
20) 3+4-Methylphenols	9.075	107	424133	45.618	ng		98
22) Acetophenone	9.169	105	529755	44.047	ng	#	98
24) Nitrobenzene	9.569	77	384501	44.619	ng		97
25) Isophorone	10.074	82	758802	43.984	ng		98
26) 2-Nitrophenol	10.274	139	158243	45.457	ng		90
27) 2,4-Dimethylphenol	10.297	122	288877	37.832	ng		95
28) bis(2-Chloroethoxy)met...	10.556	93	454452	43.941	ng		98
29) 2,4-Dichlorophenol	10.791	162	327922	47.851	ng		96
30) 1,2,4-Trichlorobenzene	11.014	180	327259	44.975	ng		98
31) Naphthalene	11.220	128	1104606	44.085	ng		98
32) Benzoic acid	10.415	122	221546m	44.635	ng		
33) 4-Chloroaniline	11.331	127	151180	14.309	ng		98
34) Hexachlorobutadiene	11.449	225	218765	44.078	ng		98
35) Caprolactam	12.124	113	107938m	46.789	ng		
36) 4-Chloro-3-methylphenol	12.401	107	397424	47.322	ng		98
37) 2-Methylnaphthalene	12.800	142	739480	42.730	ng		99
38) 1-Methylnaphthalene	13.017	142	704423	43.367	ng		96
40) 1,2,4,5-Tetrachloroben...	13.141	216	404591	43.996	ng		99
41) Hexachlorocyclopentadiene	13.100	237	454959	100.604	ng		100
43) 2,4,6-Trichlorophenol	13.382	196	280215	47.455	ng		99

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44) 2,4,5-Trichlorophenol	13.446	196	303276	43.416	ng		97
46) 1,1'-Biphenyl	13.787	154	1013923	44.545	ng		99
47) 2-Chloronaphthalene	13.840	162	776351	45.194	ng		96
48) 2-Nitroaniline	14.052	65	268963	47.440	ng		98
49) Acenaphthylene	14.680	152	1317252	47.071	ng		98
50) Dimethylphthalate	14.398	163	994115	44.265	ng		98
51) 2,6-Dinitrotoluene	14.533	165	198048	47.859	ng		97
52) Acenaphthene	15.015	154	718021	42.937	ng		99
53) 3-Nitroaniline	14.868	138	116462	24.442	ng		95
54) 2,4-Dinitrophenol	15.068	184	186554	87.369	ng		97
55) Dibenzofuran	15.344	168	1189167	43.920	ng		99
56) 4-Nitrophenol	15.139	139	347211	97.657	ng		99
57) 2,4-Dinitrotoluene	15.309	165	257087	49.385	ng		96
58) Fluorene	15.990	166	956132	44.137	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.550	232	268843m	46.151	ng		
60) Diethylphthalate	15.738	149	1020522	44.164	ng		99
61) 4-Chlorophenyl-phenyle...	15.979	204	467068	42.566	ng		99
62) 4-Nitroaniline	16.032	138	222087	45.518	ng		99
63) Azobenzene	16.272	77	1063348	44.465	ng		98
65) 4,6-Dinitro-2-methylph...	16.061	198	128928	46.770	ng		97
66) n-Nitrosodiphenylamine	16.196	169	875261	45.711	ng		98
67) 4-Bromophenyl-phenylether	16.872	248	297796	45.136	ng		97
68) Hexachlorobenzene	16.960	284	366769	48.350	ng		98
69) Atrazine	17.130	200	313533	48.956	ng		98
70) Pentachlorophenol	17.312	266	452637	92.063	ng		97
71) Phenanthrene	17.741	178	1494785	45.355	ng		100
72) Anthracene	17.835	178	1540899	46.241	ng		99
73) Carbazole	18.106	167	1363536	47.059	ng		99
74) Di-n-butylphthalate	18.617	149	1668568	47.255	ng		99
75) Fluoranthene	19.733	202	1681659	46.128	ng		100
77) Benzidine	19.921	184	526879	40.023	ng		99
78) Pyrene	20.097	202	1739627	46.317	ng		99
80) Butylbenzylphthalate	20.955	149	697866	49.149	ng		99
81) Benzo(a)anthracene	21.995	228	1748829	47.193	ng		100
82) 3,3'-Dichlorobenzidine	21.907	252	336244	26.921	ng		100
83) Chrysene	22.066	228	1666115	46.305	ng		99
84) Bis(2-ethylhexyl)phtha...	21.837	149	1006432	47.985	ng		100
85) Di-n-octyl phthalate	23.164	149	1724226	49.923	ng		99
87) Indeno(1,2,3-cd)pyrene	29.686	276	2107040	50.431	ng	#	89
88) Benzo(b)fluoranthene	24.422	252	1651417	49.008	ng		99
89) Benzo(k)fluoranthene	24.498	252	1745664	49.311	ng		99
90) Benzo(a)pyrene	25.403	252	1571726	47.576	ng		99
91) Dibenzo(a,h)anthracene	29.786	278	1727174	48.696	ng		97
92) Benzo(g,h,i)perylene	30.996	276	1605055	46.739	ng		99

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

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