Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
Data File : BG060381.D
Acq On : 22 Jan 2024 12:15
Operator : MA/JU
Sample : PB158532BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 22 12:51:31 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 :
PB158532BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.929	152	235475	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	1076190	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	832780	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	2115190	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1813006	20.000	ng		0.00
86) Perylene-d12	24.744	264	1827903	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	1787893	124.884	ng		0.00
7) Phenol-d6	7.100	99	2554088	120.480	ng		0.00
23) Nitrobenzene-d5	9.092	82	1686517	73.999	ng		0.00
42) 2,4,6-Tribromophenol	16.060	330	1483423	121.070	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	4053148	67.667	ng		0.00
79) Terphenyl-d14	19.932	244	5733061	76.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	154940	23.692	ng		99
3) Pyridine	3.792	79	376712	20.417	ng		91
4) n-Nitrosodimethylamine	3.710	42	166795	28.884	ng		92
6) Aniline	7.253	93	684829	32.319	ng		98
8) 2-Chlorophenol	7.494	128	660726	46.568	ng		93
9) Benzaldehyde	7.071	77	133621m	10.981	ng		
10) Phenol	7.124	94	952804	44.827	ng		98
11) bis(2-Chloroethyl)ether	7.347	93	642057	37.071	ng		99
12) 1,3-Dichlorobenzene	7.817	146	676508	37.987	ng		99
13) 1,4-Dichlorobenzene	7.964	146	682553	37.774	ng		98
14) 1,2-Dichlorobenzene	8.281	146	703138	37.844	ng		98
15) Benzyl Alcohol	8.170	79	684323	49.868	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	896918	42.667	ng		97
17) 2-Methylphenol	8.375	107	687121	47.066	ng		99
18) Hexachloroethane	9.010	117	249535	39.388	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	626293	42.686	ng		98
20) 3+4-Methylphenols	8.704	107	939930	47.752	ng		96
22) Acetophenone	8.751	105	1179075	39.857	ng		98
24) Nitrobenzene	9.139	77	872800	36.942	ng		97
25) Isophorone	9.656	82	1739776	38.012	ng		98
26) 2-Nitrophenol	9.844	139	380236	43.772	ng	#	95
27) 2,4-Dimethylphenol	9.903	122	699940	60.978	ng		99
28) bis(2-Chloroethoxy)met...	10.138	93	1063263	38.021	ng		96
29) 2,4-Dichlorophenol	10.385	162	820183	44.094	ng		98
30) 1,2,4-Trichlorobenzene	10.596	180	829199	35.832	ng		93
31) Naphthalene	10.784	128	2152031	38.148	ng		98
32) Benzoic acid	10.061	122	471584	46.836	ng		91
33) 4-Chloroaniline	10.890	127	537008	24.705	ng		99
34) Hexachlorobutadiene	11.066	225	529091	35.098	ng		97
35) Caprolactam	11.665	113	285199m	47.604	ng		
36) 4-Chloro-3-methylphenol	12.018	107	849281	44.944	ng		98
37) 2-Methylnaphthalene	12.394	142	1599157	38.221	ng		100
38) 1-Methylnaphthalene	12.611	142	1526688	36.338	ng		99
40) 1,2,4,5-Tetrachloroben...	12.758	216	1060830	35.867	ng		99
41) Hexachlorocyclopentadiene	12.741	237	961298	97.896	ng		100
43) 2,4,6-Trichlorophenol	12.999	196	778710	41.372	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	865137	41.672	ng		97
46) 1,1'-Biphenyl	13.399	154	2339195	37.212	ng		98
47) 2-Chloronaphthalene	13.446	162	1939846	36.021	ng		99
48) 2-Nitroaniline	13.651	65	602083	44.893	ng		97
49) Acenaphthylene	14.292	152	2953892	39.832	ng		98
50) Dimethylphthalate	14.021	163	2546968	40.022	ng		100
51) 2,6-Dinitrotoluene	14.145	165	580326	42.735	ng		95
52) Acenaphthene	14.633	154	1825112	39.524	ng		100
53) 3-Nitroaniline	14.474	138	420961	34.021	ng		100
54) 2,4-Dinitrophenol	14.685	184	730730	87.813	ng		98
55) Dibenzofuran	14.967	168	3023853	39.227	ng		97
56) 4-Nitrophenol	14.791	139	947885	103.279	ng		97
57) 2,4-Dinitrotoluene	14.932	165	822024	44.144	ng		98
58) Fluorene	15.620	166	2486752	38.955	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	818945	46.454	ng		99
60) Diethylphthalate	15.385	149	2518421	41.221	ng		99
61) 4-Chlorophenyl-phenyle...	15.608	204	1358998	38.646	ng		98
62) 4-Nitroaniline	15.643	138	551909	41.909	ng		95
63) Azobenzene	15.902	77	2413444	39.056	ng		99
65) 4,6-Dinitro-2-methylph...	15.696	198	539725	46.124	ng		98
66) n-Nitrosodiphenylamine	15.825	169	2316328	41.243	ng		99
67) 4-Bromophenyl-phenylether	16.501	248	927461	39.905	ng		97
68) Hexachlorobenzene	16.618	284	1029467	37.420	ng		96
69) Atrazine	16.777	200	1266316	59.795	ng		98
70) Pentachlorophenol	16.965	266	1435820	96.824	ng		95
71) Phenanthrene	17.359	178	4049383	39.607	ng		98
72) Anthracene	17.453	178	4079623	39.967	ng		98
73) Carbazole	17.723	167	3781155	39.292	ng		99
74) Di-n-butylphthalate	18.275	149	3947982	39.873	ng		98
75) Fluoranthene	19.374	202	4514984	36.767	ng		100
77) Benzidine	19.556	184	772319	19.608	ng		98
78) Pyrene	19.738	202	4594951	39.688	ng		97
80) Butylbenzylphthalate	20.620	149	1899792	47.694	ng		99
81) Benzo(a)anthracene	21.560	228	4526005	40.325	ng		98
82) 3,3'-Dichlorobenzidine	21.477	252	1579584	36.749	ng		100
83) Chrysene	21.630	228	4297392	38.930	ng		100
84) Bis(2-ethylhexyl)phtha...	21.466	149	2739705	45.517	ng		97
85) Di-n-octyl phthalate	22.653	149	4484647	45.977	ng		98
87) Indeno(1,2,3-cd)pyrene	28.358	276	5736060	45.132	ng	#	93
88) Benzo(b)fluoranthene	23.740	252	4847544	44.891	ng		100
89) Benzo(k)fluoranthene	23.810	252	4870594	45.708	ng		99
90) Benzo(a)pyrene	24.597	252	4315572	44.240	ng		98
91) Dibenzo(a,h)anthracene	28.422	278	4804352	46.287	ng		99
92) Benzo(g,h,i)perylene	29.503	276	4780042	44.933	ng		98

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

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