Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061102.D
Acq On : 3 May 2024 11:43
Operator : MA/JU
Sample : PB160665BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 03 12:20:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160665BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

05/06/2024
Supervised By :mohammad ahmed

05/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.938	152	19640	20.000	ng		-0.02
21) Naphthalene-d8	10.735	136	81202	20.000	ng		-0.02
39) Acenaphthene-d10	14.571	164	69294	20.000	ng		-0.02
64) Phenanthrene-d10	17.315	188	179031	20.000	ng		-0.02
76) Chrysene-d12	21.575	240	180038	20.000	ng		-0.02
86) Perylene-d12	24.695	264	211943	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.529	112	142476	147.535	ng		-0.02
7) Phenol-d6	7.121	99	200886	140.618	ng		-0.01
23) Nitrobenzene-d5	9.095	82	139026	84.873	ng		-0.02
42) 2,4,6-Tribromophenol	16.058	330	186390	134.571	ng		-0.02
45) 2-Fluorobiphenyl	13.191	172	417899	89.179	ng		-0.02
79) Terphenyl-d14	19.936	244	947188	87.499	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.443	88	11723	30.023	ng	#	89
3) Pyridine	3.831	79	33732	29.358	ng		93
4) n-Nitrosodimethylamine	3.743	42	40216	36.430	ng		100
6) Aniline	7.268	93	53138	37.521	ng	#	95
8) 2-Chlorophenol	7.509	128	58152	49.083	ng		96
10) Phenol	7.145	94	71200	49.009	ng		93
11) bis(2-Chloroethyl)ether	7.362	93	44070	43.910	ng		98
12) 1,3-Dichlorobenzene	7.832	146	58899	42.170	ng		96
13) 1,4-Dichlorobenzene	7.973	146	61827	42.830	ng		96
14) 1,2-Dichlorobenzene	8.290	146	59663	42.839	ng		95
15) Benzyl Alcohol	8.179	79	60188	46.704	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.455	45	99138	45.522	ng		98
17) 2-Methylphenol	8.390	107	49459	47.772	ng		92
18) Hexachloroethane	9.019	117	22666	44.004	ng		91
19) n-Nitroso-di-n-propyla...	8.743	70	43866	41.030	ng	#	97
20) 3+4-Methylphenols	8.714	107	71305	47.737	ng		99
22) Acetophenone	8.761	105	89872	44.441	ng	#	98
24) Nitrobenzene	9.137	77	69830	43.576	ng		98
25) Isophorone	9.659	82	126532	41.788	ng		98
26) 2-Nitrophenol	9.848	139	35626	46.924	ng		97
27) 2,4-Dimethylphenol	9.912	122	47756	54.558	ng		97
28) bis(2-Chloroethoxy)met...	10.141	93	67163	45.195	ng		95
29) 2,4-Dichlorophenol	10.388	162	69701	50.822	ng		96
30) 1,2,4-Trichlorobenzene	10.600	180	74240	44.925	ng		98
31) Naphthalene	10.788	128	183490	43.479	ng		98
32) Benzoic acid	10.071	122	41028m	40.547	ng		
33) 4-Chloroaniline	10.893	127	49048	29.142	ng		99
34) Hexachlorobutadiene	11.075	225	62045	43.758	ng		97
35) Caprolactam	11.669	113	20800m	42.114	ng		
36) 4-Chloro-3-methylphenol	12.027	107	78128	47.242	ng		98
37) 2-Methylnaphthalene	12.397	142	139233	44.027	ng		97
38) 1-Methylnaphthalene	12.615	142	133408	41.903	ng		97
40) 1,2,4,5-Tetrachloroben...	12.762	216	112211	48.523	ng		98
41) Hexachlorocyclopentadiene	12.744	237	129425	146.197	ng		94
43) 2,4,6-Trichlorophenol	13.003	196	74390	50.105	ng		93
44) 2,4,5-Trichlorophenol	13.079	196	82557	49.132	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.402	154	207033	46.597	ng		97
47) 2-Chloronaphthalene	13.443	162	162549	45.689	ng		99
48) 2-Nitroaniline	13.643	65	63343	47.980	ng		93
49) Acenaphthylene	14.289	152	277088	50.709	ng		99
50) Dimethylphthalate	14.025	163	243610	45.516	ng		98
51) 2,6-Dinitrotoluene	14.142	165	51772	45.223	ng		95
52) Acenaphthene	14.636	154	154497	45.323	ng		99
53) 3-Nitroaniline	14.472	138	34173	32.623	ng	#	96
54) 2,4-Dinitrophenol	14.689	184	72899	89.559	ng		99
55) Dibenzofuran	14.971	168	273560	47.512	ng		99
56) 4-Nitrophenol	14.795	139	79262	93.630	ng		99
57) 2,4-Dinitrotoluene	14.936	165	75746	44.721	ng		93
58) Fluorene	15.617	166	227072	45.576	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.200	232	79448	45.931	ng		97
60) Diethylphthalate	15.388	149	240082	44.482	ng		99
61) 4-Chlorophenyl-phenyle...	15.611	204	136204	45.528	ng		98
62) 4-Nitroaniline	15.635	138	50607	44.545	ng		89
63) Azobenzene	15.905	77	195515	46.534	ng		98
65) 4,6-Dinitro-2-methylph...	15.699	198	52961	47.678	ng		98
66) n-Nitrosodiphenylamine	15.829	169	211649	47.673	ng		100
67) 4-Bromophenyl-phenylether	16.504	248	101214	47.991	ng		95
68) Hexachlorobenzene	16.628	284	118537	45.157	ng		98
69) Atrazine	16.775	200	96107	52.491	ng		98
70) Pentachlorophenol	16.969	266	138975	86.177	ng		97
71) Phenanthrene	17.356	178	396761	48.468	ng		98
72) Anthracene	17.450	178	399577	48.918	ng		99
73) Carbazole	17.721	167	334254	46.541	ng		99
74) Di-n-butylphthalate	18.285	149	392353	45.943	ng		99
75) Fluoranthene	19.372	202	514003	45.833	ng		100
77) Benzidine	19.548	184	143155	42.147	ng		96
78) Pyrene	19.730	202	525166	45.882	ng		98
80) Butylbenzylphthalate	20.623	149	170586	47.082	ng		97
81) Benzo(a)anthracene	21.557	228	559845	47.520	ng		98
82) 3,3'-Dichlorobenzidine	21.469	252	143843	33.927	ng		100
83) Chrysene	21.622	228	531531	48.155	ng		99
84) Bis(2-ethylhexyl)phtha...	21.475	149	231454	48.920	ng		99
85) Di-n-octyl phthalate	22.656	149	393211	47.106	ng		99
87) Indeno(1,2,3-cd)pyrene	28.255	276	685167	48.781	ng		99
88) Benzo(b)fluoranthene	23.714	252	542466	45.803	ng		96
89) Benzo(k)fluoranthene	23.778	252	539569	47.356	ng		99
90) Benzo(a)pyrene	24.554	252	512484	49.668	ng		99
91) Dibenzo(a,h)anthracene	28.308	278	556250	47.821	ng		97
92) Benzo(g,h,i)perylene	29.354	276	520974	45.070	ng		99

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

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