Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
Data File : BG058791.D
Acq On : 21 Aug 2023 13:05
Operator : MA/JU
Sample : 04086-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 01:25:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-PP07BMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.807	152	30428	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	133464	20.000	ng		0.00
39) Acenaphthene-d10	14.458	164	93845	20.000	ng		0.00
64) Phenanthrene-d10	17.202	188	229485	20.000	ng		0.00
76) Chrysene-d12	21.444	240	191795	20.000	ng		0.00
86) Perylene-d12	24.517	264	243208	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	155800	82.399	ng		0.00
7) Phenol-d6	6.985	99	214481	80.850	ng		0.00
23) Nitrobenzene-d5	8.977	82	127781	46.030	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	105633	71.787	ng		0.00
45) 2-Fluorobiphenyl	13.078	172	302474	46.879	ng		0.00
79) Terphenyl-d14	19.823	244	559036	52.337	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.266	88	28150	31.666	ng		96
3) Pyridine	3.659	79	69560	29.611	ng		98
4) n-Nitrosodimethylamine	3.583	42	47451	37.155	ng		87
6) Aniline	7.138	93	111059	34.247	ng		98
8) 2-Chlorophenol	7.373	128	86083	45.027	ng		98
9) Benzaldehyde	6.949	77	38936m	26.166	ng		
10) Phenol	7.008	94	117738	46.026	ng		96
11) bis(2-Chloroethyl)ether	7.231	93	80082	40.121	ng		96
12) 1,3-Dichlorobenzene	7.696	146	83956	41.343	ng		98
13) 1,4-Dichlorobenzene	7.843	146	85941	41.851	ng		97
14) 1,2-Dichlorobenzene	8.160	146	83778	42.211	ng		96
15) Benzyl Alcohol	8.048	79	85109	44.872	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.336	45	177660m	41.765	ng		
17) 2-Methylphenol	8.260	107	80410	42.798	ng		97
18) Hexachloroethane	8.883	117	31797	42.498	ng		97
19) n-Nitroso-di-n-propyla...	8.618	70	68997	40.236	ng		94
20) 3+4-Methylphenols	8.589	107	109080	43.183	ng		97
22) Acetophenone	8.636	105	135321	37.456	ng	#	99
24) Nitrobenzene	9.018	77	102002	36.944	ng		98
25) Isophorone	9.535	82	199762	36.185	ng		98
26) 2-Nitrophenol	9.723	139	46056	39.885	ng		94
27) 2,4-Dimethylphenol	9.787	122	76262	38.968	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	112038	38.314	ng		96
29) 2,4-Dichlorophenol	10.263	162	85242	42.388	ng		95
30) 1,2,4-Trichlorobenzene	10.475	180	93973	38.697	ng		97
31) Naphthalene	10.657	128	262030	37.392	ng		100
32) Benzoic acid	9.964	122	41765	36.396	ng		95
33) 4-Chloroaniline	10.774	127	90011	30.456	ng		98
34) Hexachlorobutadiene	10.939	225	62427	38.089	ng		99
35) Caprolactam	11.562	113	27750m	38.509	ng		
36) 4-Chloro-3-methylphenol	11.908	107	102581	41.019	ng		96
37) 2-Methylnaphthalene	12.273	142	182826	36.325	ng		97
38) 1-Methylnaphthalene	12.496	142	177304	37.111	ng		100
40) 1,2,4,5-Tetrachloroben...	12.649	216	107469	37.146	ng		99
41) Hexachlorocyclopentadiene	12.619	237	101470	88.148	ng		96
43) 2,4,6-Trichlorophenol	12.890	196	76682	41.655	ng		99

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44) 2,4,5-Trichlorophenol	12.972	196	82405	37.381	ng		93
46) 1,1'-Biphenyl	13.289	154	248750	38.478	ng		99
47) 2-Chloronaphthalene	13.330	162	195159	38.737	ng		99
48) 2-Nitroaniline	13.542	65	75414	39.414	ng		97
49) Acenaphthylene	14.176	152	322591	38.612	ng		98
50) Dimethylphthalate	13.918	163	265030	36.474	ng		100
51) 2,6-Dinitrotoluene	14.041	165	58817	38.530	ng		97
52) Acenaphthene	14.523	154	182686	37.418	ng		99
53) 3-Nitroaniline	14.376	138	48421	32.888	ng	#	88
54) 2,4-Dinitrophenol	14.593	184	57820	68.822	ng		97
55) Dibenzofuran	14.858	168	314960	37.398	ng		99
56) 4-Nitrophenol	14.693	139	83261	78.272	ng		96
57) 2,4-Dinitrotoluene	14.834	165	83560	39.245	ng		98
58) Fluorene	15.504	166	252677	37.699	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	75969	42.231	ng		96
60) Diethylphthalate	15.275	149	275132	36.725	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	138293	37.226	ng		97
62) 4-Nitroaniline	15.539	138	58305	39.022	ng		95
63) Azobenzene	15.792	77	257453	37.426	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	47957	36.971	ng		99
66) n-Nitrosodiphenylamine	15.716	169	222124	37.555	ng		98
67) 4-Bromophenyl-phenylether	16.391	248	95200	37.804	ng		98
68) Hexachlorobenzene	16.509	284	106177	39.175	ng		97
69) Atrazine	16.668	200	91379	43.655	ng		98
70) Pentachlorophenol	16.861	266	95131	66.937	ng		97
71) Phenanthrene	17.243	178	411623	37.363	ng		99
72) Anthracene	17.337	178	415471	37.601	ng		99
73) Carbazole	17.613	167	382027	37.756	ng		98
74) Di-n-butylphthalate	18.160	149	476337	37.318	ng		99
75) Fluoranthene	19.259	202	497888	36.443	ng		99
77) Benzidine	19.447	184	201337	58.574	ng		97
78) Pyrene	19.623	202	510785	38.222	ng		100
80) Butylbenzylphthalate	20.510	149	210642	38.865	ng		99
81) Benzo(a)anthracene	21.427	228	507891	38.042	ng		98
82) 3,3'-Dichlorobenzidine	21.350	252	165538	35.914	ng		99
83) Chrysene	21.491	228	469549	36.488	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	306593	38.569	ng		99
85) Di-n-octyl phthalate	22.478	149	533499	39.020	ng		99
87) Indeno(1,2,3-cd)pyrene	28.019	276	631836	38.399	ng	#	93
88) Benzo(b)fluoranthene	23.542	252	525143	38.916	ng		98
89) Benzo(k)fluoranthene	23.606	252	524342	37.677	ng		99
90) Benzo(a)pyrene	24.376	252	471633	35.495	ng		98
91) Dibenzo(a,h)anthracene	28.066	278	520280	38.479	ng		98
92) Benzo(g,h,i)perylene	29.112	276	507301	37.526	ng		97

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

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