Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
Data File : BG058870.D
Acq On : 28 Aug 2023 12:37
Operator : MA/JU
Sample : 04121-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 29 01:35:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 01:35:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/29/2023
Supervised By :mohammad ahmed
08/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.803	152	16672	20.000	ng		-0.02
21) Naphthalene-d8	10.606	136	66287	20.000	ng		#-0.02
39) Acenaphthene-d10	14.454	164	46970	20.000	ng		-0.02
64) Phenanthrene-d10	17.198	188	121878	20.000	ng		-0.02
76) Chrysene-d12	21.440	240	115930	20.000	ng		-0.02
86) Perylene-d12	24.501	264	123195	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.377	112	138432	133.621	ng		-0.02
7) Phenol-d6	6.981	99	174275	119.898	ng		-0.02
23) Nitrobenzene-d5	8.972	82	125224	90.824	ng		-0.02
42) 2,4,6-Tribromophenol	15.947	330	108612	147.474	ng		-0.02
45) 2-Fluorobiphenyl	13.073	172	283100	87.664	ng		-0.02
79) Terphenyl-d14	19.819	244	620894	96.168	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	20990	43.094	ng		99
3) Pyridine	3.661	79	42199	32.786	ng		90
4) n-Nitrosodimethylamine	3.579	42	36922	52.765	ng		99
6) Aniline	7.133	93	20695	11.647	ng		97
8) 2-Chlorophenol	7.368	128	54406	51.938	ng		98
9) Benzaldehyde	6.945	77	3769	4.623	ng	#	1
10) Phenol	7.004	94	69958	49.913	ng		100
11) bis(2-Chloroethyl)ether	7.227	93	53098	48.551	ng		96
12) 1,3-Dichlorobenzene	7.692	146	58888	52.925	ng		97
13) 1,4-Dichlorobenzene	7.838	146	60364	53.649	ng		96
14) 1,2-Dichlorobenzene	8.156	146	57386	52.769	ng		98
15) Benzyl Alcohol	8.050	79	55789	53.683	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.326	45	116235m	49.870	ng		
17) 2-Methylphenol	8.256	107	47078	45.732	ng		97
18) Hexachloroethane	8.878	117	23052	56.231	ng		94
19) n-Nitroso-di-n-propyla...	8.608	70	43740	46.553	ng		96
20) 3+4-Methylphenols	8.585	107	63923	46.187	ng		96
22) Acetophenone	8.626	105	89922	50.114	ng		96
24) Nitrobenzene	9.008	77	66775	48.695	ng	#	98
25) Isophorone	9.531	82	126468	46.125	ng		99
26) 2-Nitrophenol	9.724	139	28696	50.035	ng		94
27) 2,4-Dimethylphenol	9.783	122	50204	51.651	ng		96
28) bis(2-Chloroethoxy)met...	10.012	93	68580	47.220	ng		99
29) 2,4-Dichlorophenol	10.259	162	53359	53.424	ng		95
30) 1,2,4-Trichlorobenzene	10.471	180	61032	50.603	ng		98
31) Naphthalene	10.659	128	601249	172.749	ng		99
32) Benzoic acid	9.948	122	30168	50.329	ng		96
33) 4-Chloroaniline	10.788	127	11062	7.536	ng		96
34) Hexachlorobutadiene	10.929	225	41589	51.091	ng		99
35) Caprolactam	11.628	113	17047m	47.630	ng		
36) 4-Chloro-3-methylphenol	11.904	107	64694	52.085	ng		99
37) 2-Methylnaphthalene	12.269	142	213142	85.264	ng		98
38) 1-Methylnaphthalene	12.492	142	180587	76.104	ng		98
40) 1,2,4,5-Tetrachloroben...	12.639	216	69705	48.138	ng		99
41) Hexachlorocyclopentadiene	12.615	237	65995	111.909	ng		99
43) 2,4,6-Trichlorophenol	12.885	196	48562	52.706	ng		96

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44) 2,4,5-Trichlorophenol	12.968	196	55419	50.228	ng		94
46) 1,1'-Biphenyl	13.285	154	164896	50.962	ng		96
47) 2-Chloronaphthalene	13.326	162	126978	50.357	ng		99
48) 2-Nitroaniline	13.538	65	45680	47.699	ng		95
49) Acenaphthylene	14.172	152	248979	59.541	ng		98
50) Dimethylphthalate	13.914	163	178407	49.056	ng		99
51) 2,6-Dinitrotoluene	14.037	165	39648	51.893	ng		97
52) Acenaphthene	14.519	154	137967	56.460	ng		97
53) 3-Nitroaniline	14.372	138	8385	11.379	ng		96
54) 2,4-Dinitrophenol	14.589	184	48653	111.014	ng		93
55) Dibenzofuran	14.854	168	209383	49.673	ng		98
56) 4-Nitrophenol	14.695	139	58724	108.475	ng		94
57) 2,4-Dinitrotoluene	14.830	165	57813	54.251	ng		98
58) Fluorene	15.500	166	179361	53.467	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.083	232	50761	56.378	ng		97
60) Diethylphthalate	15.271	149	186038	49.615	ng		100
61) 4-Chlorophenyl-phenyle...	15.494	204	90857	48.864	ng		96
62) 4-Nitroaniline	15.535	138	28060	37.522	ng		92
63) Azobenzene	15.788	77	161120	46.796	ng		98
65) 4,6-Dinitro-2-methylph...	15.594	198	35201	51.097	ng		89
66) n-Nitrosodiphenylamine	15.712	169	130803	41.640	ng		97
67) 4-Bromophenyl-phenylether	16.387	248	63023	47.122	ng		97
68) Hexachlorobenzene	16.505	284	72251	50.194	ng		98
69) Atrazine	16.658	200	23962	21.555	ng		95
70) Pentachlorophenol	16.857	266	79512	105.343	ng		97
71) Phenanthrene	17.239	178	310643	53.092	ng		100
72) Anthracene	17.333	178	297357	50.672	ng		99
73) Carbazole	17.603	167	246356	45.844	ng		97
74) Di-n-butylphthalate	18.156	149	352602	52.014	ng		99
75) Fluoranthene	19.254	202	381245	52.543	ng		97
78) Pyrene	19.619	202	391776	48.501	ng		99
80) Butylbenzylphthalate	20.506	149	162488	49.599	ng		98
81) Benzo(a)anthracene	21.422	228	391487	48.512	ng		99
82) 3,3'-Dichlorobenzidine	21.352	252	4857	1.743	ng		96
83) Chrysene	21.487	228	364214	46.824	ng		98
84) Bis(2-ethylhexyl)phtha...	21.323	149	231641	48.210	ng		100
85) Di-n-octyl phthalate	22.468	149	398755	48.250	ng		100
87) Indeno(1,2,3-cd)pyrene	28.003	276	469603	56.341	ng	#	94
88) Benzo(b)fluoranthene	23.532	252	402266	58.850	ng		97
89) Benzo(k)fluoranthene	23.596	252	393977	55.888	ng		99
90) Benzo(a)pyrene	24.360	252	346962	51.550	ng		98
91) Dibenzo(a,h)anthracene	28.050	278	391817	57.208	ng		97
92) Benzo(g,h,i)perylene	29.090	276	377117	55.072	ng		98

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

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