Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061205.D
Acq On : 15 May 2024 14:18
Operator : MA/JU
Sample : P2444-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 15 14:53:58 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 :
WC-DDMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	23280	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	91374	20.000	ng	#-0.03
39) Acenaphthene-d10	14.556	164	71338	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	170688	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	175501	20.000	ng	-0.03
86) Perylene-d12	24.686	264	207524	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	159163	139.044	ng	-0.02
7) Phenol-d6	7.112	99	203895	120.409	ng	-0.02
23) Nitrobenzene-d5	9.086	82	169531	91.974	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	187113	131.223	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	462180	95.802	ng	-0.03
79) Terphenyl-d14	19.927	244	951397	90.159	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	14232	30.749	ng	# 1
3) Pyridine	3.845	79	20296	14.902	ng	97
4) n-Nitrosodimethylamine	3.746	42	46420	35.475	ng	# 96
6) Aniline	7.253	93	13045	7.771	ng	# 93
8) 2-Chlorophenol	7.500	128	64660	46.043	ng	97
9) Benzaldehyde	7.071	77	10891	9.577	ng	91
10) Phenol	7.136	94	71504	41.522	ng	92
11) bis(2-Chloroethyl)ether	7.353	93	54037	45.423	ng	97
12) 1,3-Dichlorobenzene	7.817	146	73853	44.609	ng	99
13) 1,4-Dichlorobenzene	7.964	146	73458	42.931	ng	92
14) 1,2-Dichlorobenzene	8.281	146	70930	42.966	ng	92
15) Benzyl Alcohol	8.170	79	66488	43.526	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.446	45	124850m	48.365	ng	
17) 2-Methylphenol	8.381	107	56205	45.799	ng	97
18) Hexachloroethane	9.010	117	26645	43.641	ng	87
19) n-Nitroso-di-n-propyla...	8.734	70	52803	41.667	ng	# 88
20) 3+4-Methylphenols	8.710	107	76351	43.123	ng	97
22) Acetophenone	8.746	105	105668	46.436	ng	97
24) Nitrobenzene	9.128	77	83483	46.297	ng	98
25) Isophorone	9.650	82	144189	42.318	ng	94
26) 2-Nitrophenol	9.838	139	40650	47.581	ng	97
27) 2,4-Dimethylphenol	9.903	122	50659	51.432	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	77631	46.424	ng	99
29) 2,4-Dichlorophenol	10.379	162	74821	48.482	ng	95
30) 1,2,4-Trichlorobenzene	10.591	180	87117	46.849	ng	97
31) Naphthalene	10.773	128	218713	46.056	ng	97
32) Benzoic acid	10.079	122	28885m	25.368	ng	
33) 4-Chloroaniline	10.884	127	11110m	5.866	ng	
34) Hexachlorobutadiene	11.061	225	72464	45.416	ng	97
35) Caprolactam	11.666	113	16661m	29.978	ng	
36) 4-Chloro-3-methylphenol	12.024	107	82654	44.415	ng	97
37) 2-Methylnaphthalene	12.383	142	158821	44.630	ng	99
38) 1-Methylnaphthalene	12.600	142	145450	40.599	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	127520	53.563	ng	100
41) Hexachlorocyclopentadiene	12.729	237	55235	60.605	ng	97
43) 2,4,6-Trichlorophenol	12.994	196	76851	50.280	ng	97

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44) 2,4,5-Trichlorophenol	13.082	196	82017	47.412	ng		96
46) 1,1'-Biphenyl	13.393	154	227510	49.739	ng		92
47) 2-Chloronaphthalene	13.434	162	178033	48.607	ng		95
48) 2-Nitroaniline	13.640	65	68004	50.034	ng		95
49) Acenaphthylene	14.280	152	296490	52.705	ng		99
50) Dimethylphthalate	14.016	163	247664	44.947	ng		99
51) 2,6-Dinitrotoluene	14.139	165	51666	43.837	ng		92
52) Acenaphthene	14.627	154	166634	47.483	ng		94
53) 3-Nitroaniline	14.462	138	12299	11.405	ng	#	89
54) 2,4-Dinitrophenol	14.686	184	37213	45.520	ng		95
55) Dibenzofuran	14.962	168	286187	48.281	ng		99
56) 4-Nitrophenol	14.803	139	65897	75.612	ng		97
57) 2,4-Dinitrotoluene	14.932	165	76267	43.739	ng		91
58) Fluorene	15.608	166	240397	46.868	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.191	232	82765	46.478	ng		100
60) Diethylphthalate	15.379	149	239039	43.020	ng		99
61) 4-Chlorophenyl-phenyle...	15.602	204	141347	45.894	ng		99
62) 4-Nitroaniline	15.632	138	44910	38.398	ng		96
63) Azobenzene	15.896	77	206319	47.699	ng		99
65) 4,6-Dinitro-2-methylph...	15.702	198	31409	29.658	ng		93
66) n-Nitrosodiphenylamine	15.820	169	207491	49.020	ng		96
67) 4-Bromophenyl-phenylether	16.495	248	102218	50.836	ng		93
68) Hexachlorobenzene	16.619	284	122812	49.073	ng		98
69) Atrazine	16.766	200	75179	43.068	ng		94
70) Pentachlorophenol	16.965	266	122899	79.934	ng		96
71) Phenanthrene	17.347	178	393913	50.472	ng		98
72) Anthracene	17.441	178	396997	50.978	ng		100
73) Carbazole	17.712	167	336783	49.185	ng		100
74) Di-n-butylphthalate	18.270	149	397081	48.770	ng		99
75) Fluoranthene	19.363	202	516480	48.305	ng		98
77) Benzidine	19.551	184	38356m	13.612	ng		
78) Pyrene	19.727	202	534001	47.860	ng		99
80) Butylbenzylphthalate	20.614	149	177229	50.180	ng		96
81) Benzo(a)anthracene	21.548	228	568373	49.491	ng		99
82) 3,3'-Dichlorobenzidine	21.466	252	75275	18.213	ng		97
83) Chrysene	21.613	228	538361	50.035	ng		98
84) Bis(2-ethylhexyl)phtha...	21.460	149	241880	52.445	ng		98
85) Di-n-octyl phthalate	22.641	149	421624	51.816	ng		99
87) Indeno(1,2,3-cd)pyrene	28.235	276	628245m	45.681	ng		
88) Benzo(b)fluoranthene	23.705	252	553288	47.712	ng		99
89) Benzo(k)fluoranthene	23.769	252	573852	51.438	ng		99
90) Benzo(a)pyrene	24.551	252	512575	50.735	ng		99
91) Dibenzo(a,h)anthracene	28.293	278	501077	43.995	ng	#	99
92) Benzo(g,h,i)perylene	29.339	276	447064m	39.500	ng		

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

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