Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG059994.D
Acq On : 13 Dec 2023 13:20
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 01:38:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:32:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	58536	20.000	ng		0.00
21) Naphthalene-d8	10.762	136	225282	20.000	ng		0.00
39) Acenaphthene-d10	14.593	164	185367	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	567998	20.000	ng		0.00
76) Chrysene-d12	21.608	240	709346	20.000	ng		0.00
86) Perylene-d12	24.798	264	800063	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.521	112	75686	22.134	ng		0.00
7) Phenol-d6	7.107	99	97300	20.229	ng		0.00
23) Nitrobenzene-d5	9.117	82	90428	18.227	ng		0.00
42) 2,4,6-Tribromophenol	16.079	330	86494	20.022	ng		0.00
45) 2-Fluorobiphenyl	13.212	172	304383	20.097	ng		0.00
79) Terphenyl-d14	19.963	244	832301	21.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	17837	11.024	ng		98
3) Pyridine	3.829	79	45353	10.020	ng	#	79
4) n-Nitrosodimethylamine	3.747	42	22950	10.296	ng		79
6) Aniline	7.278	93	47040	9.602	ng		91
8) 2-Chlorophenol	7.519	128	31773	9.805	ng		95
9) Benzaldehyde	7.096	77	34206	11.696	ng		86
10) Phenol	7.131	94	46340	9.590	ng		92
11) bis(2-Chloroethyl)ether	7.372	93	34658	10.019	ng		82
12) 1,3-Dichlorobenzene	7.842	146	44244m	10.211	ng		
13) 1,4-Dichlorobenzene	7.995	146	47861m	10.615	ng		
14) 1,2-Dichlorobenzene	8.312	146	43944	10.130	ng		96
15) Benzyl Alcohol	8.188	79	36676	9.487	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.482	45	61875m	9.997	ng		
17) 2-Methylphenol	8.382	107	31907	9.904	ng	#	94
18) Hexachloroethane	9.046	117	13374	9.791	ng		93
19) n-Nitroso-di-n-propyla...	8.752	70	29827	9.611	ng	#	95
20) 3+4-Methylphenols	8.717	107	43147	9.589	ng		96
22) Acetophenone	8.770	105	63963	9.743	ng		95
24) Nitrobenzene	9.158	77	47554	9.441	ng		94
25) Isophorone	9.675	82	93087	9.803	ng		97
26) 2-Nitrophenol	9.869	139	17216	9.294	ng	#	86
27) 2,4-Dimethylphenol	9.922	122	23535	9.269	ng		85
28) bis(2-Chloroethoxy)met...	10.163	93	47436	9.676	ng	#	96
29) 2,4-Dichlorophenol	10.398	162	42943	9.416	ng		90
30) 1,2,4-Trichlorobenzene	10.621	180	59218	9.593	ng		89
31) Naphthalene	10.809	128	114351	9.751	ng		97
32) Benzoic acid	9.986	122	18385m	7.959	ng		
33) 4-Chloroaniline	10.921	127	43263	9.695	ng	#	87
34) Hexachlorobutadiene	11.097	225	55849	9.885	ng	#	85
35) Caprolactam	11.655	113	11800	10.186	ng	#	80
36) 4-Chloro-3-methylphenol	12.025	107	39301	9.476	ng		99
37) 2-Methylnaphthalene	12.419	142	91648	9.964	ng		95
38) 1-Methylnaphthalene	12.636	142	89731	9.876	ng		100
40) 1,2,4,5-Tetrachloroben...	12.783	216	95100	9.841	ng		97
41) Hexachlorocyclopentadiene	12.765	237	34856	8.730	ng		82
43) 2,4,6-Trichlorophenol	13.018	196	53150	9.809	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	55058	9.342	ng	#	97
46) 1,1'-Biphenyl	13.424	154	135530	9.859	ng		99
47) 2-Chloronaphthalene	13.470	162	118384	9.944	ng		97
48) 2-Nitroaniline	13.664	65	22659	8.817	ng		94
49) Acenaphthylene	14.311	152	159965	9.823	ng		96
50) Dimethylphthalate	14.046	163	143130	9.948	ng		98
51) 2,6-Dinitrotoluene	14.164	165	28269	9.484	ng	#	85
52) Acenaphthene	14.657	154	113074	10.087	ng		84
53) 3-Nitroaniline	14.487	138	23428	9.837	ng	#	91
54) 2,4-Dinitrophenol	14.687	184	18914	8.613	ng	#	87
55) Dibenzofuran	14.986	168	181988	9.974	ng		96
56) 4-Nitrophenol	14.781	139	20176	10.079	ng	#	80
57) 2,4-Dinitrotoluene	14.945	165	38446	9.176	ng	#	90
58) Fluorene	15.639	166	151211	9.828	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	63377	10.331	ng	#	97
60) Diethylphthalate	15.409	149	131004	9.895	ng		94
61) 4-Chlorophenyl-phenyle...	15.633	204	110174	9.943	ng		97
62) 4-Nitroaniline	15.650	138	24520	9.454	ng	#	82
63) Azobenzene	15.926	77	126477	9.690	ng		95
65) 4,6-Dinitro-2-methylph...	15.703	198	33373	9.371	ng		95
66) n-Nitrosodiphenylamine	15.844	169	136206	9.816	ng		96
67) 4-Bromophenyl-phenylether	16.532	248	78494	9.795	ng		92
68) Hexachlorobenzene	16.643	284	92040	9.824	ng		97
69) Atrazine	16.790	200	63543	10.184	ng		98
70) Pentachlorophenol	16.984	266	57156	9.417	ng		94
71) Phenanthrene	17.384	178	277947	10.103	ng		98
72) Anthracene	17.472	178	273359	9.882	ng		97
73) Carbazole	17.742	167	236882	10.077	ng		96
74) Di-n-butylphthalate	18.312	149	212010	9.887	ng		98
75) Fluoranthene	19.399	202	415897	10.359	ng		98
77) Benzidine	19.575	184	52722m	5.786	ng		
78) Pyrene	19.757	202	428213	9.959	ng		97
80) Butylbenzylphthalate	20.656	149	69460	8.994	ng		99
81) Benzo(a)anthracene	21.590	228	471880	9.903	ng		98
82) 3,3'-Dichlorobenzidine	21.508	252	145857	9.303	ng		94
83) Chrysene	21.655	228	448358	9.932	ng		98
84) Bis(2-ethylhexyl)phtha...	21.514	149	106121	9.066	ng		93
85) Di-n-octyl phthalate	22.718	149	187148	9.243	ng		99
87) Indeno(1,2,3-cd)pyrene	28.418	276	559253	9.795	ng	#	92
88) Benzo(b)fluoranthene	23.788	252	487103	9.858	ng		96
89) Benzo(k)fluoranthene	23.852	252	480374	10.020	ng		99
90) Benzo(a)pyrene	24.646	252	431562	9.858	ng	#	96
91) Dibenzo(a,h)anthracene	28.494	278	468523	9.813	ng		97
92) Benzo(g,h,i)perylene	29.552	276	459972	9.685	ng		96

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

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