Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
Data File : BG056438.D
Acq On : 26 Jan 2023 11:36
Operator : CG/JU
Sample : PB150464BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 27 00:56:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150464BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/27/2023
Supervised By :Jagrut Upadhyay
01/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.295	152	41016	20.000	ng		0.00
21) Naphthalene-d8	11.127	136	172126	20.000	ng		0.00
39) Acenaphthene-d10	14.910	164	146178	20.000	ng		0.00
64) Phenanthrene-d10	17.648	188	349633	20.000	ng		0.00
76) Chrysene-d12	21.943	240	346914	20.000	ng	#	0.00
86) Perylene-d12	25.375	264	330312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.815	112	320844	139.669	ng		0.00
7) Phenol-d6	7.443	99	444636	126.037	ng		0.00
23) Nitrobenzene-d5	9.470	82	229252	68.128	ng		0.00
42) 2,4,6-Tribromophenol	16.397	330	224134	121.067	ng		0.00
45) 2-Fluorobiphenyl	13.536	172	802013	75.764	ng		0.00
79) Terphenyl-d14	20.222	244	1496761	77.275	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.612	88	29018	27.656	ng	#	92
3) Pyridine	4.035	79	74057	23.173	ng	#	91
4) n-Nitrosodimethylamine	3.947	42	22858	35.162	ng		94
6) Aniline	7.607	93	106823	23.090	ng		99
8) 2-Chlorophenol	7.854	128	115655	50.594	ng		95
9) Benzaldehyde	7.419	77	41228	19.655	ng		94
10) Phenol	7.466	94	157347	43.980	ng		98
11) bis(2-Chloroethyl)ether	7.695	93	98353	40.566	ng		98
12) 1,3-Dichlorobenzene	8.183	146	127032m	45.660	ng		
13) 1,4-Dichlorobenzene	8.330	146	130369	46.664	ng		95
14) 1,2-Dichlorobenzene	8.653	146	126929	47.086	ng		99
15) Benzyl Alcohol	8.530	79	100414m	39.109	ng		
16) 2,2'-oxybis(1-Chloropr...	8.818	45	22719	53.027	ng	#	67
17) 2-Methylphenol	8.735	107	111131	42.332	ng		98
18) Hexachloroethane	9.388	117	39412	46.438	ng		93
19) n-Nitroso-di-n-propyla...	9.100	70	77601	36.174	ng		94
20) 3+4-Methylphenols	9.064	107	155201	42.050	ng		98
22) Acetophenone	9.123	105	181525	37.298	ng		96
24) Nitrobenzene	9.511	77	117240	35.157	ng		95
25) Isophorone	10.034	82	237365	33.526	ng	#	93
26) 2-Nitrophenol	10.228	139	72176	42.302	ng		97
27) 2,4-Dimethylphenol	10.275	122	130253	41.855	ng		95
28) bis(2-Chloroethoxy)met...	10.510	93	140596	38.207	ng		99
29) 2,4-Dichlorophenol	10.768	162	148749	43.235	ng		98
30) 1,2,4-Trichlorobenzene	10.986	180	157926	40.449	ng		98
31) Naphthalene	11.180	128	370830	40.936	ng		99
32) Benzoic acid	10.427	122	71850	31.117	ng		91
33) 4-Chloroaniline	11.279	127	98544	22.785	ng		98
34) Hexachlorobutadiene	11.450	225	114236	40.682	ng		96
35) Caprolactam	12.049	113	43916m	37.701	ng		
36) 4-Chloro-3-methylphenol	12.384	107	139963	40.091	ng		97
37) 2-Methylnaphthalene	12.760	142	294849	38.548	ng		98
38) 1-Methylnaphthalene	12.977	142	276930	38.988	ng		100
40) 1,2,4,5-Tetrachloroben...	13.124	216	214843	39.214	ng		99
41) Hexachlorocyclopentadiene	13.095	237	237185	75.934	ng		96
43) 2,4,6-Trichlorophenol	13.359	196	141701	39.114	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.436	196	153790	35.886	ng		99
46) 1,1'-Biphenyl	13.747	154	425021	40.599	ng		99
47) 2-Chloronaphthalene	13.800	162	338284	40.939	ng		99
48) 2-Nitroaniline	13.994	65	66900	37.999	ng		93
49) Acenaphthylene	14.640	152	521167	38.757	ng		99
50) Dimethylphthalate	14.352	163	448949	38.045	ng		99
51) 2,6-Dinitrotoluene	14.482	165	99902	39.731	ng		88
52) Acenaphthene	14.975	154	390407m	44.640	ng		
53) 3-Nitroaniline	14.811	138	65097	27.203	ng		89
54) 2,4-Dinitrophenol	15.022	184	141862	78.975	ng		95
55) Dibenzofuran	15.304	168	557102	38.494	ng		98
56) 4-Nitrophenol	15.122	139	140195	76.174	ng		84
57) 2,4-Dinitrotoluene	15.269	165	140341	39.909	ng		87
58) Fluorene	15.956	166	443331	38.085	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.533	232	139804m	34.744	ng		
60) Diethylphthalate	15.698	149	417721	37.747	ng		99
61) 4-Chlorophenyl-phenyle...	15.933	204	273174	37.604	ng		97
62) 4-Nitroaniline	15.974	138	91809	37.454	ng		93
63) Azobenzene	16.227	77	297387	34.823	ng		95
65) 4,6-Dinitro-2-methylph...	16.033	198	97352	41.328	ng		96
66) n-Nitrosodiphenylamine	16.150	169	403570	41.602	ng		98
67) 4-Bromophenyl-phenylether	16.826	248	185607	41.689	ng		99
68) Hexachlorobenzene	16.955	284	189325	45.578	ng		98
69) Atrazine	17.078	200	75824	18.860	ng		98
70) Pentachlorophenol	17.302	266	209755	65.737	ng		99
71) Phenanthrene	17.695	178	741964	40.949	ng		99
72) Anthracene	17.784	178	750435	40.149	ng		99
73) Carbazole	18.048	167	651613	41.475	ng		99
74) Di-n-butylphthalate	18.571	149	678987	43.353	ng		99
75) Fluoranthene	19.681	202	921476	38.988	ng		99
77) Benzidine	19.852	184	180857	14.876	ng		99
78) Pyrene	20.046	202	931651	38.101	ng		99
80) Butylbenzylphthalate	20.898	149	288940	41.188	ng		96
81) Benzo(a)anthracene	21.920	228	934873	38.368	ng		99
82) 3,3'-Dichlorobenzidine	21.820	252	294853	33.615	ng		98
83) Chrysene	21.996	228	873190	38.258	ng		99
84) Bis(2-ethylhexyl)phtha...	21.779	149	418344	41.393	ng		99
85) Di-n-octyl phthalate	23.054	149	711320	41.691	ng		100
87) Indeno(1,2,3-cd)pyrene	29.341	276	1064472	44.312	ng	#	99
88) Benzo(b)fluoranthene	24.282	252	979998	46.696	ng		99
89) Benzo(k)fluoranthene	24.352	252	948859	45.403	ng		100
90) Benzo(a)pyrene	25.216	252	856272	41.831	ng	#	99
91) Dibenzo(a,h)anthracene	29.399	278	917590	45.560	ng		98
92) Benzo(g,h,i)perylene	30.580	276	869753	44.532	ng		98

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

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