Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
Data File : BG056294.D
Acq On : 16 Jan 2023 13:10
Operator : CG/JU
Sample : PB150235BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 17 05:23:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	48891	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	189744	20.000	ng	# 0.00
39) Acenaphthene-d10	14.933	164	154390	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	388072	20.000	ng	# 0.00
76) Chrysene-d12	21.966	240	364825	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	385474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	424887	155.169	ng	0.00
7) Phenol-d6	7.454	99	577505	137.333	ng	0.00
23) Nitrobenzene-d5	9.493	82	312654	84.286	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	263019	134.514	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	967291	86.517	ng	0.00
79) Terphenyl-d14	20.245	244	1861978	91.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	46995	37.575	ng	# 89
3) Pyridine	4.064	79	123309	32.370	ng	# 92
4) n-Nitrosodimethylamine	3.976	42	32496	41.936	ng	100
6) Aniline	7.624	93	183575	33.289	ng	94
8) 2-Chlorophenol	7.871	128	139849	51.324	ng	96
9) Benzaldehyde	7.436	77	74605	29.838	ng	92
10) Phenol	7.483	94	203602	47.742	ng	95
11) bis(2-Chloroethyl)ether	7.718	93	129540	44.823	ng	95
12) 1,3-Dichlorobenzene	8.206	146	160336	48.348	ng	98
13) 1,4-Dichlorobenzene	8.353	146	160944	48.329	ng	98
14) 1,2-Dichlorobenzene	8.676	146	157108	48.894	ng	97
15) Benzyl Alcohol	8.547	79	132385	43.256	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.829	45	26559	52.005	ng	# 79
17) 2-Methylphenol	8.747	107	138793	44.353	ng	97
18) Hexachloroethane	9.416	117	50457	49.875	ng	98
19) n-Nitroso-di-n-propyla...	9.117	70	99402	38.873	ng	97
20) 3+4-Methylphenols	9.076	107	188440	42.832	ng	97
22) Acetophenone	9.140	105	225429	42.018	ng	# 98
24) Nitrobenzene	9.534	77	151980	41.343	ng	99
25) Isophorone	10.051	82	300180	38.461	ng	96
26) 2-Nitrophenol	10.251	139	83777	44.542	ng	98
27) 2,4-Dimethylphenol	10.292	122	153068	44.619	ng	96
28) bis(2-Chloroethoxy)met...	10.533	93	175561	43.279	ng	99
29) 2,4-Dichlorophenol	10.785	162	173051	45.628	ng	94
30) 1,2,4-Trichlorobenzene	11.009	180	191152	44.413	ng	99
31) Naphthalene	11.197	128	433198	43.381	ng	99
32) Benzoic acid	10.421	122	99181	38.965	ng	99
33) 4-Chloroaniline	11.296	127	107787	22.608	ng	93
34) Hexachlorobutadiene	11.473	225	137258	44.342	ng	97
35) Caprolactam	12.066	113	52792m	41.113	ng	
36) 4-Chloro-3-methylphenol	12.395	107	167091	43.417	ng	97
37) 2-Methylnaphthalene	12.783	142	337978	40.084	ng	98
38) 1-Methylnaphthalene	13.000	142	314221	40.131	ng	96
40) 1,2,4,5-Tetrachloroben...	13.141	216	258388	44.654	ng	97
41) Hexachlorocyclopentadiene	13.118	237	329628	99.917	ng	92
43) 2,4,6-Trichlorophenol	13.371	196	175519	45.872	ng	99

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44) 2,4,5-Trichlorophenol	13.447	196	185574	41.000	ng		99
46) 1,1'-Biphenyl	13.770	154	490849	44.393	ng		98
47) 2-Chloronaphthalene	13.817	162	391745	44.887	ng		98
48) 2-Nitroaniline	14.011	65	82590	44.416	ng		99
49) Acenaphthylene	14.657	152	608730	42.861	ng		99
50) Dimethylphthalate	14.369	163	529410	42.478	ng		99
51) 2,6-Dinitrotoluene	14.493	165	114546	43.132	ng		98
52) Acenaphthene	14.998	154	454646m	49.220	ng		
53) 3-Nitroaniline	14.828	138	77947	30.840	ng		93
54) 2,4-Dinitrophenol	15.033	184	168497	88.813	ng	#	96
55) Dibenzofuran	15.327	168	649739	42.507	ng		97
56) 4-Nitrophenol	15.121	139	176960	91.036	ng		91
57) 2,4-Dinitrotoluene	15.280	165	165182	44.475	ng		91
58) Fluorene	15.973	166	519742	42.275	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.544	232	188257	44.297	ng		96
60) Diethylphthalate	15.721	149	495501	42.393	ng		97
61) 4-Chlorophenyl-phenyle...	15.950	204	325625	42.440	ng		98
62) 4-Nitroaniline	15.985	138	109507	42.297	ng		93
63) Azobenzene	16.249	77	380653	42.203	ng		98
65) 4,6-Dinitro-2-methylph...	16.038	198	113386	43.367	ng		93
66) n-Nitrosodiphenylamine	16.167	169	481349	44.705	ng		97
67) 4-Bromophenyl-phenylether	16.843	248	218808	44.278	ng		98
68) Hexachlorobenzene	16.972	284	219872	47.689	ng		100
69) Atrazine	17.101	200	239106	53.583	ng		98
70) Pentachlorophenol	17.313	266	289018	81.606	ng		97
71) Phenanthrene	17.712	178	898091	44.656	ng		99
72) Anthracene	17.801	178	911451	43.934	ng		99
73) Carbazole	18.065	167	786684	45.112	ng		98
74) Di-n-butylphthalate	18.594	149	810302	46.613	ng		100
75) Fluoranthene	19.698	202	1124980	42.884	ng		99
77) Benzidine	19.863	184	374703	29.308	ng		99
78) Pyrene	20.063	202	1137403	44.232	ng		98
80) Butylbenzylphthalate	20.920	149	336803	45.654	ng		98
81) Benzo(a)anthracene	21.943	228	1134483	44.274	ng		99
82) 3,3'-Dichlorobenzidine	21.843	252	297906	32.296	ng		100
83) Chrysene	22.013	228	1053419	43.888	ng		99
84) Bis(2-ethylhexyl)phtha...	21.808	149	488174	45.931	ng		99
85) Di-n-octyl phthalate	23.094	149	828859	46.195	ng		99
87) Indeno(1,2,3-cd)pyrene	29.381	276	1324666	47.252	ng	#	97
88) Benzo(b)fluoranthene	24.311	252	1199340	48.969	ng		98
89) Benzo(k)fluoranthene	24.381	252	1137251	46.630	ng		99
90) Benzo(a)pyrene	25.251	252	1040733	43.567	ng		99
91) Dibenzo(a,h)anthracene	29.446	278	1104551	46.995	ng		99
92) Benzo(g,h,i)perylene	30.633	276	1076898	47.248	ng		98

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

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