Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
Data File : BG056385.D
Acq On : 23 Jan 2023 15:42
Operator : CG/JU
Sample : 01237-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 24 01:21:34 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 19 00:31:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-1-2-3AMSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/24/2023
Supervised By :Jagrut Upadhyay
01/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	35098	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	144563	20.000	ng	# 0.00
39) Acenaphthene-d10	14.914	164	124492	20.000	ng	0.00
64) Phenanthrene-d10	17.652	188	330983	20.000	ng	0.00
76) Chrysene-d12	21.947	240	298390	20.000	ng	0.00
86) Perylene-d12	25.379	264	315828	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.819	112	275376	140.089	ng	0.00
7) Phenol-d6	7.447	99	368358	122.021	ng	0.00
23) Nitrobenzene-d5	9.474	82	245021	86.697	ng	-0.01
42) 2,4,6-Tribromophenol	16.395	330	239910	152.162	ng	0.00
45) 2-Fluorobiphenyl	13.539	172	802841	89.053	ng	0.00
79) Terphenyl-d14	20.226	244	1637744	98.304	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.628	88	32003	35.643	ng	# 65
3) Pyridine	4.056	79	83815	30.649	ng	# 93
4) n-Nitrosodimethylamine	3.957	42	22989	41.326	ng	90
6) Aniline	7.611	93	140325	35.446	ng	98
8) 2-Chlorophenol	7.858	128	109500	55.979	ng	95
9) Benzaldehyde	7.423	77	44953m	25.044	ng	
10) Phenol	7.470	94	128988	42.132	ng	95
11) bis(2-Chloroethyl)ether	7.699	93	96240	46.388	ng	94
12) 1,3-Dichlorobenzene	8.187	146	113356m	47.615	ng	
13) 1,4-Dichlorobenzene	8.334	146	117385	49.102	ng	95
14) 1,2-Dichlorobenzene	8.657	146	114297	49.549	ng	99
15) Benzyl Alcohol	8.534	79	109319	49.757	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.821	45	21578	58.856	ng	# 81
17) 2-Methylphenol	8.739	107	109644	48.808	ng	97
18) Hexachloroethane	9.397	117	34708	47.790	ng	96
19) n-Nitroso-di-n-propyla...	9.103	70	84790	46.190	ng	95
20) 3+4-Methylphenols	9.068	107	151578	47.993	ng	97
22) Acetophenone	9.127	105	186797	45.699	ng	99
24) Nitrobenzene	9.521	77	119288	42.591	ng	94
25) Isophorone	10.038	82	262243	44.102	ng	96
26) 2-Nitrophenol	10.237	139	71009	49.553	ng	93
27) 2,4-Dimethylphenol	10.279	122	130304	49.855	ng	99
28) bis(2-Chloroethoxy)met...	10.514	93	143892	46.559	ng	99
29) 2,4-Dichlorophenol	10.772	162	152624	52.819	ng	98
30) 1,2,4-Trichlorobenzene	10.990	180	147629	45.021	ng	98
31) Naphthalene	11.183	128	353864	46.511	ng	99
33) 4-Chloroaniline	11.277	127	63465	17.472	ng	95
34) Hexachlorobutadiene	11.454	225	98265	41.666	ng	93
35) Caprolactam	12.059	113	34543	35.309	ng	97
36) 4-Chloro-3-methylphenol	12.388	107	144254	49.198	ng	98
37) 2-Methylnaphthalene	12.764	142	281026	43.746	ng	99
38) 1-Methylnaphthalene	12.981	142	269245	45.134	ng	98
40) 1,2,4,5-Tetrachloroben...	13.128	216	208952	44.783	ng	98
41) Hexachlorocyclopentadiene	13.099	237	198822	74.741	ng	97
43) 2,4,6-Trichlorophenol	13.357	196	149604	48.489	ng	99
44) 2,4,5-Trichlorophenol	13.440	196	161397	44.222	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.751	154	424385	47.600	ng		98
47) 2-Chloronaphthalene	13.804	162	335388	47.659	ng		98
48) 2-Nitroaniline	13.998	65	74948	49.986	ng		95
49) Acenaphthylene	14.644	152	528421	46.142	ng		98
50) Dimethylphthalate	14.356	163	470340	46.801	ng		98
51) 2,6-Dinitrotoluene	14.480	165	99861	46.633	ng		97
52) Acenaphthene	14.979	154	334161m	44.864	ng		
53) 3-Nitroaniline	14.814	138	65401	32.091	ng		94
54) 2,4-Dinitrophenol	15.026	184	39426	25.772	ng		91
55) Dibenzofuran	15.308	168	562434	45.632	ng		97
56) 4-Nitrophenol	15.120	139	127249	81.184	ng		84
57) 2,4-Dinitrotoluene	15.267	165	148051	49.436	ng	#	88
58) Fluorene	15.954	166	456904	46.089	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.531	232	156283m	45.605	ng		
60) Diethylphthalate	15.702	149	437266	46.396	ng		99
61) 4-Chlorophenyl-phenyle...	15.937	204	277211	44.807	ng		98
62) 4-Nitroaniline	15.972	138	97462	46.686	ng		91
63) Azobenzene	16.230	77	322875	44.394	ng		97
65) 4,6-Dinitro-2-methylph...	16.031	198	52901	23.723	ng		96
66) n-Nitrosodiphenylamine	16.148	169	426031	46.392	ng		97
67) 4-Bromophenyl-phenylether	16.830	248	192215	45.605	ng		98
68) Hexachlorobenzene	16.959	284	193752	49.272	ng		98
69) Atrazine	17.082	200	185151	48.648	ng		99
70) Pentachlorophenol	17.300	266	206684	68.424	ng		99
71) Phenanthrene	17.693	178	787774	45.927	ng		99
72) Anthracene	17.787	178	805607	45.530	ng		99
73) Carbazole	18.052	167	713042	47.942	ng		99
74) Di-n-butylphthalate	18.575	149	727915	49.096	ng		99
75) Fluoranthene	19.685	202	962022	42.997	ng		99
77) Benzidine	19.850	184	302973	28.974	ng		98
78) Pyrene	20.044	202	982155	46.698	ng		99
80) Butylbenzylphthalate	20.901	149	281995	46.736	ng		97
81) Benzo(a)anthracene	21.924	228	937277	44.722	ng		99
82) 3,3'-Dichlorobenzidine	21.824	252	194620	25.796	ng		99
83) Chrysene	21.994	228	877160	44.681	ng		99
84) Bis(2-ethylhexyl)phtha...	21.783	149	400617	46.085	ng		99
85) Di-n-octyl phthalate	23.058	149	679249	46.285	ng		100
87) Indeno(1,2,3-cd)pyrene	29.344	276	1079304	46.990	ng	#	97
88) Benzo(b)fluoranthene	24.280	252	959092	47.796	ng		99
89) Benzo(k)fluoranthene	24.356	252	950975	47.591	ng		98
90) Benzo(a)pyrene	25.220	252	852639	43.564	ng	#	99
91) Dibenzo(a,h)anthracene	29.403	278	916589	47.597	ng		98
92) Benzo(g,h,i)perylene	30.590	276	869216	46.546	ng		100

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

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