Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050574.D
Acq On : 13 Oct 2021 17:30
Operator : CG/JU
Sample : M4047-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 14 03:04:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MW-1MS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:23 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	40410	20.00	ng		0.00
21) Naphthalene-d8	11.084	136	168494	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	116215	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	274080	20.00	ng		# 0.00
76) Chrysene-d12	21.925	240	240875	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	242995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	312412	115.62	ng		0.00
7) Phenol-d6	7.400	99	395893	101.20	ng		0.00
23) Nitrobenzene-d5	9.433	82	349155	85.78	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	154298	139.20	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	635972	82.36	ng		0.00
79) Terphenyl-d14	20.209	244	1101478	89.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	48398	34.58	ng		89
3) Pyridine	4.063	79	88397	23.12	ng	#	90
4) n-Nitrosodimethylamine	3.975	42	78198	43.41	ng	#	51
6) Aniline	7.577	93	162516	35.76	ng		93
8) 2-Chlorophenol	7.818	128	127479	49.00	ng		91
9) Benzaldehyde	7.389	77	125054	52.22	ng		88
10) Phenol	7.430	94	149064	39.19	ng		85
11) bis(2-Chloroethyl)ether	7.665	93	137424	46.29	ng		86
12) 1,3-Dichlorobenzene	8.147	146	123207	41.03	ng		97
13) 1,4-Dichlorobenzene	8.293	146	124157	41.01	ng		97
14) 1,2-Dichlorobenzene	8.617	146	121243	41.93	ng		96
15) Benzyl Alcohol	8.493	79	150820	48.79	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.787	45	220558	45.55	ng		85
17) 2-Methylphenol	8.693	107	118709	47.43	ng		92
18) Hexachloroethane	9.351	117	48250	42.11	ng		95
19) n-Nitroso-di-n-propyla...	9.063	70	133421	46.79	ng	#	89
20) 3+4-Methylphenols	9.016	107	161188	45.76	ng		95
22) Acetophenone	9.087	105	216154	45.12	ng		97
24) Nitrobenzene	9.474	77	189483	46.82	ng		94
25) Isophorone	9.991	82	345344	47.83	ng	#	96
26) 2-Nitrophenol	10.185	139	73115	49.20	ng		94
27) 2,4-Dimethylphenol	10.232	122	131594	51.25	ng		93
28) bis(2-Chloroethoxy)met...	10.473	93	191333	46.35	ng	#	91
29) 2,4-Dichlorophenol	10.720	162	128524	49.11	ng		94
30) 1,2,4-Trichlorobenzene	10.943	180	122900	41.34	ng		94
31) Naphthalene	11.131	128	393563	43.64	ng		98
33) 4-Chloroaniline	11.237	127	142058	37.54	ng		97
34) Hexachlorobutadiene	11.407	225	73068	39.15	ng		93
35) Caprolactam	12.007	113	39978	39.92	ng	#	67
36) 4-Chloro-3-methylphenol	12.336	107	167463	51.20	ng	#	91
37) 2-Methylnaphthalene	12.718	142	292895	47.07	ng		95
38) 1-Methylnaphthalene	12.935	142	270972	44.91	ng		93
40) 1,2,4,5-Tetrachloroben...	13.082	216	151047	44.01	ng		98
41) Hexachlorocyclopentadiene	13.058	237	158524	79.92	ng		95
43) 2,4,6-Trichlorophenol	13.311	196	115444	47.74	ng		93
44) 2,4,5-Trichlorophenol	13.387	196	123282	48.76	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.716	154	372603	43.96	ng		96
47) 2-Chloronaphthalene	13.763	162	296110	45.49	ng		99
48) 2-Nitroaniline	13.957	65	140232	54.16	ng		95
49) Acenaphthylene	14.604	152	500378	46.92	ng		98
50) Dimethylphthalate	14.322	163	439928	50.08	ng		99
51) 2,6-Dinitrotoluene	14.445	165	94071	53.47	ng		94
52) Acenaphthene	14.944	154	296217	43.22	ng		93
53) 3-Nitroaniline	14.780	138	93944	45.14	ng		86
54) 2,4-Dinitrophenol	14.986	184	5522m	5.06	ng		
55) Dibenzofuran	15.273	168	488211	46.06	ng		99
56) 4-Nitrophenol	15.074	139	143454	85.69	ng	#	82
57) 2,4-Dinitrotoluene	15.232	165	136040	54.86	ng		93
58) Fluorene	15.920	166	395499	48.58	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.491	232	105611	47.95	ng		96
60) Diethylphthalate	15.673	149	474891	51.45	ng		97
61) 4-Chlorophenyl-phenyle...	15.908	204	211369	47.45	ng		97
62) 4-Nitroaniline	15.937	138	111569	51.53	ng	#	69
63) Azobenzene	16.196	77	514799	48.18	ng		82
65) 4,6-Dinitro-2-methylph...	15.990	198	13055	7.93	ng		88
66) n-Nitrosodiphenylamine	16.120	169	367176	47.15	ng		97
67) 4-Bromophenyl-phenylether	16.801	248	129665	46.95	ng		100
68) Hexachlorobenzene	16.919	284	131231	47.81	ng	#	93
69) Atrazine	17.060	200	155820	50.79	ng		98
70) Pentachlorophenol	17.265	266	100780	53.93	ng		99
71) Phenanthrene	17.665	178	686039	47.50	ng		98
72) Anthracene	17.753	178	703942	49.05	ng		99
73) Carbazole	18.023	167	657558	45.97	ng		96
74) Di-n-butylphthalate	18.558	149	812015	48.37	ng	#	97
75) Fluoranthene	19.662	202	827190	46.59	ng		96
77) Benzidine	19.833	184	376073	48.17	ng		98
78) Pyrene	20.021	202	836194	48.93	ng		97
80) Butylbenzylphthalate	20.890	149	363718	50.32	ng		95
81) Benzo(a)anthracene	21.901	228	755060	47.37	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	240325	45.50	ng	#	98
83) Chrysene	21.972	228	726104	48.43	ng		96
84) Bis(2-ethylhexyl)phtha...	21.778	149	527241	51.33	ng	#	96
85) Di-n-octyl phthalate	23.053	149	888470	51.86	ng		95
87) Indeno(1,2,3-cd)pyrene	29.269	276	841211	49.70	ng	#	88
88) Benzo(b)fluoranthene	24.245	252	768457	51.64	ng	#	94
89) Benzo(k)fluoranthene	24.322	252	736045	50.28	ng	#	97
90) Benzo(a)pyrene	25.180	252	737562	58.29	ng	#	95
91) Dibenzo(a,h)anthracene	29.339	278	705234	50.38	ng	#	92
92) Benzo(g,h,i)perylene	30.509	276	698115	50.92	ng	#	88

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

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