Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048681.D
Acq On : 13 Apr 2021 19:42
Operator : CG/JU
Sample : M2010-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-SPMS

Manual Integrations APPROVED
mohammad
4/14/2021 11:51:57 AM

Quant Time: Apr 14 00:31:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	13869	20.00	ng		#-0.02
21) Naphthalene-d8	10.913	136	59660	20.00	ng		#-0.01
39) Acenaphthene-d10	14.744	164	44261	20.00	ng		0.00
64) Phenanthrene-d10	17.493	188	122422	20.00	ng		# 0.00
76) Chrysene-d12	21.794	240	123578	20.00	ng		# 0.00
86) Perylene-d12	25.131	264	127496	20.00	ng		#-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.631	112	94630	120.46	ng		0.00
7) Phenol-d6	7.246	99	128961	113.19	ng		0.00
23) Nitrobenzene-d5	9.256	82	93740	76.07	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	72883	125.27	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	213319	71.63	ng		-0.01
79) Terphenyl-d14	20.102	244	472469	69.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.486	88	12292	38.89	ng	#	91
3) Pyridine	3.892	79	36658	46.26	ng		91
4) n-Nitrosodimethylamine	3.809	42	31432	60.71	ng		94
6) Aniline	7.399	93	28198	21.55	ng		91
8) 2-Chlorophenol	7.646	128	43512	49.01	ng		96
9) Benzaldehyde	7.211	77	33701	46.28	ng		97
10) Phenol	7.270	94	63308	55.50	ng		91
11) bis(2-Chloroethyl)ether	7.493	93	35813	45.25	ng	#	79
12) 1,3-Dichlorobenzene	7.969	146	48207	48.20	ng		96
13) 1,4-Dichlorobenzene	8.122	146	46896m	46.51	ng		
14) 1,2-Dichlorobenzene	8.439	146	46673	48.33	ng		92
15) Benzyl Alcohol	8.322	79	52234	55.97	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.610	45	41986	55.00	ng		97
17) 2-Methylphenol	8.533	107	38091	51.61	ng		94
18) Hexachloroethane	9.180	117	19255	51.39	ng		94
19) n-Nitroso-di-n-propyla...	8.892	70	38708	49.29	ng	#	90
20) 3+4-Methylphenols	8.862	107	52851	51.59	ng		83
22) Acetophenone	8.909	105	73853	48.01	ng	#	99
24) Nitrobenzene	9.297	77	60440	49.98	ng		95
25) Isophorone	9.820	82	104864	46.08	ng	#	96
26) 2-Nitrophenol	10.014	139	27516	49.52	ng	#	77
27) 2,4-Dimethylphenol	10.073	122	48483	55.45	ng		97
28) bis(2-Chloroethoxy)met...	10.308	93	52553	50.38	ng		98
29) 2,4-Dichlorophenol	10.560	162	49979	50.48	ng		86
30) 1,2,4-Trichlorobenzene	10.772	180	50876	44.72	ng		96
31) Naphthalene	10.960	128	138060	45.01	ng		97
32) Benzoic acid	10.225	122	31716	47.15	ng	#	75
33) 4-Chloroaniline	11.066	127	14361	11.09	ng	#	89
34) Hexachlorobutadiene	11.242	225	37983	45.72	ng	#	84
35) Caprolactam	11.841	113	18947m	52.46	ng		
36) 4-Chloro-3-methylphenol	12.194	107	58796	52.89	ng		91
37) 2-Methylnaphthalene	12.570	142	111613	45.70	ng		95
38) 1-Methylnaphthalene	12.787	142	104430	44.84	ng		94
40) 1,2,4,5-Tetrachloroben...	12.934	216	63967	46.62	ng	#	97
41) Hexachlorocyclopentadiene	12.910	237	79266	99.73	ng		94
43) 2,4,6-Trichlorophenol	13.175	196	49154	52.12	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	51832	51.37	ng	#	91
46) 1,1'-Biphenyl	13.568	154	152767	47.24	ng		99
47) 2-Chloronaphthalene	13.615	162	115079	46.71	ng		97
48) 2-Nitroaniline	13.821	65	44978	57.42	ng		83
49) Acenaphthylene	14.462	152	195440	50.60	ng		95
50) Dimethylphthalate	14.185	163	177893	54.15	ng	#	98
51) 2,6-Dinitrotoluene	14.309	165	37731	50.20	ng	#	81
52) Acenaphthene	14.802	154	158950m	56.89	ng		
53) 3-Nitroaniline	14.638	138	10820	14.68	ng	#	73
54) 2,4-Dinitrophenol	14.855	184	48957	115.84	ng	#	83
55) Dibenzofuran	15.137	168	187160	45.87	ng		98
56) 4-Nitrophenol	14.961	139	61939	104.12	ng	#	87
57) 2,4-Dinitrotoluene	15.096	165	54664	51.42	ng	#	73
58) Fluorene	15.789	166	166647	48.79	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.366	232	50837m	51.65	ng		
60) Diethylphthalate	15.549	149	177240	52.51	ng		99
61) 4-Chlorophenyl-phenyle...	15.778	204	92872	50.54	ng		97
62) 4-Nitroaniline	15.813	138	36941	47.92	ng	#	57
63) Azobenzene	16.071	77	169250	50.97	ng		94
65) 4,6-Dinitro-2-methylph...	15.866	198	35283	47.96	ng		92
66) n-Nitrosodiphenylamine	15.995	169	150544	43.22	ng		97
67) 4-Bromophenyl-phenylether	16.677	248	61370	45.22	ng		93
68) Hexachlorobenzene	16.794	284	64474	45.50	ng		98
69) Atrazine	16.941	200	73627	51.83	ng		91
70) Pentachlorophenol	17.147	266	80033	90.87	ng		93
71) Phenanthrene	17.540	178	293069	46.12	ng		98
72) Anthracene	17.628	178	298419	47.12	ng		97
73) Carbazole	17.899	167	275175	45.82	ng		98
74) Di-n-butylphthalate	18.445	149	331101	49.35	ng		99
75) Fluoranthene	19.550	202	380021	48.23	ng		97
77) Benzidine	19.726	184	127480	30.46	ng		98
78) Pyrene	19.914	202	376713	44.34	ng		99
80) Butylbenzylphthalate	20.789	149	146968	46.57	ng		88
81) Benzo(a)anthracene	21.771	228	376338	45.58	ng		98
82) 3,3'-Dichlorobenzidine	21.683	252	45542	16.06	ng		92
83) Chrysene	21.841	228	345119	43.80	ng		95
84) Bis(2-ethylhexyl)phtha...	21.665	149	204471	46.51	ng	#	98
85) Di-n-octyl phthalate	22.916	149	351729	45.90	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.968	276	419551	46.94	ng	#	92
88) Benzo(b)fluoranthene	24.068	252	386289	46.65	ng	#	96
89) Benzo(k)fluoranthene	24.138	252	353356	44.38	ng		98
90) Benzo(a)pyrene	24.979	252	338909	44.41	ng	#	98
91) Dibenzo(a,h)anthracene	29.027	278	354126	46.42	ng		97
92) Benzo(g,h,i)perylene	30.173	276	347942	46.57	ng		96

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

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