Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020921\
Data File : BG048123.D
Acq On : 9 Feb 2021 15:41
Operator : CG/JU
Sample : M1337-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLASSIC_BH_01_2-4MS

Manual Integrations APPROVED
mohammad
2/10/2021 9:57:35 AM

Quant Time: Feb 09 17:07:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 09 14:29:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	48773	20.00	ng		# 0.00
21) Naphthalene-d8	10.925	136	195902	20.00	ng		0.00
39) Acenaphthene-d10	14.732	164	150363	20.00	ng		0.00
64) Phenanthrene-d10	17.476	188	367830	20.00	ng		0.00
76) Chrysene-d12	21.747	240	384218	20.00	ng		# 0.00
86) Perylene-d12	25.014	264	387020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.666	112	356229	112.25	ng		0.00
7) Phenol-d6	7.264	99	501075	103.85	ng		0.00
23) Nitrobenzene-d5	9.274	82	334717	67.61	ng		0.00
42) 2,4,6-Tribromophenol	16.218	330	261768	104.52	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	728270	62.62	ng		0.00
79) Terphenyl-d14	20.073	244	1270218	57.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.551	88	50031	35.37	ng	#	95
3) Pyridine	3.950	79	150167	35.36	ng		92
4) n-Nitrosodimethylamine	3.862	42	88052	44.87	ng	#	77
6) Aniline	7.435	93	176022	30.20	ng		96
8) 2-Chlorophenol	7.675	128	156149	47.00	ng		88
9) Benzaldehyde	7.241	77	80463	32.51	ng		85
10) Phenol	7.288	94	225521	48.76	ng		75
11) bis(2-Chloroethyl)ether	7.523	93	153606	42.40	ng		93
12) 1,3-Dichlorobenzene	7.999	146	164489	41.02	ng	#	91
13) 1,4-Dichlorobenzene	8.145	146	167789	41.74	ng		96
14) 1,2-Dichlorobenzene	8.469	146	161429m	42.08	ng		
15) Benzyl Alcohol	8.345	79	178755	43.79	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.639	45	197096	38.77	ng		94
17) 2-Methylphenol	8.545	107	143389	45.87	ng	#	86
18) Hexachloroethane	9.203	117	65179	41.56	ng		90
19) n-Nitroso-di-n-propyla...	8.915	70	142798	40.55	ng	#	96
20) 3+4-Methylphenols	8.874	107	198211	45.83	ng		88
22) Acetophenone	8.933	105	250027	41.41	ng	#	92
24) Nitrobenzene	9.315	77	212934	42.94	ng	#	87
25) Isophorone	9.838	82	372575	41.93	ng	#	93
26) 2-Nitrophenol	10.031	139	91656	44.92	ng	#	71
27) 2,4-Dimethylphenol	10.084	122	146770	49.51	ng		86
28) bis(2-Chloroethoxy)met...	10.319	93	211887	39.64	ng	#	96
29) 2,4-Dichlorophenol	10.566	162	177238	46.47	ng		96
30) 1,2,4-Trichlorobenzene	10.784	180	189795	41.16	ng		99
31) Naphthalene	10.972	128	467448	41.27	ng		99
32) Benzoic acid	10.214	122	127442	48.00	ng	#	77
33) 4-Chloroaniline	11.077	127	88845	17.16	ng		94
34) Hexachlorobutadiene	11.259	225	132142	40.35	ng		97
35) Caprolactam	11.847	113	63610m	43.81	ng		
36) 4-Chloro-3-methylphenol	12.188	107	194176	45.37	ng		87
37) 2-Methylnaphthalene	12.570	142	354079	41.39	ng	#	91
38) 1-Methylnaphthalene	12.787	142	335429	41.10	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.934	216	235073	41.01	ng	#	97
41) Hexachlorocyclopentadiene	12.916	237	324604	99.97	ng		100
43) 2,4,6-Trichlorophenol	13.169	196	173261	43.34	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.239	196	187444	45.24	ng	#	93
46) 1,1'-Biphenyl	13.574	154	472028	40.61	ng		99
47) 2-Chloronaphthalene	13.616	162	388615	38.42	ng		97
48) 2-Nitroaniline	13.809	65	148375	40.41	ng	#	76
49) Acenaphthylene	14.462	152	611191	40.93	ng		98
50) Dimethylphthalate	14.185	163	563582	41.41	ng		98
51) 2,6-Dinitrotoluene	14.303	165	118683	41.95	ng	#	68
52) Acenaphthene	14.796	154	474120m	46.91	ng		
53) 3-Nitroaniline	14.626	138	70881	22.84	ng		87
54) 2,4-Dinitrophenol	14.838	184	177045	100.08	ng	#	72
55) Dibenzofuran	15.131	168	619310	40.40	ng		94
56) 4-Nitrophenol	14.932	139	209950	86.70	ng	#	53
57) 2,4-Dinitrotoluene	15.090	165	173871	42.55	ng	#	80
58) Fluorene	15.778	166	502710	40.79	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.355	232	185011	44.66	ng	#	96
60) Diethylphthalate	15.543	149	557147	39.82	ng		95
61) 4-Chlorophenyl-phenyle...	15.772	204	309972	41.07	ng		98
62) 4-Nitroaniline	15.795	138	123107	36.42	ng	#	60
63) Azobenzene	16.060	77	536326	40.72	ng		90
65) 4,6-Dinitro-2-methylph...	15.848	198	123362	51.97	ng		83
66) n-Nitrosodiphenylamine	15.983	169	479789	43.40	ng		97
67) 4-Bromophenyl-phenylether	16.665	248	208519	42.42	ng		95
68) Hexachlorobenzene	16.782	284	217871	40.76	ng		94
69) Atrazine	16.923	200	176568	42.05	ng		98
70) Pentachlorophenol	17.123	266	303800	93.60	ng		97
71) Phenanthrene	17.517	178	885914	41.75	ng		97
72) Anthracene	17.611	178	910826	43.64	ng		98
73) Carbazole	17.875	167	818527	42.02	ng		97
74) Di-n-butylphthalate	18.428	149	939767	39.51	ng	#	97
75) Fluoranthene	19.520	202	1159223	41.66	ng		96
77) Benzidine	19.691	184	381296	34.40	ng		98
78) Pyrene	19.879	202	1140909	40.55	ng		98
80) Butylbenzylphthalate	20.760	149	427112	39.74	ng		89
81) Benzo(a)anthracene	21.730	228	1155862	41.39	ng		98
82) 3,3'-Dichlorobenzidine	21.641	252	235240	25.00	ng	#	99
83) Chrysene	21.800	228	1103254	41.58	ng		98
84) Bis(2-ethylhexyl)phtha...	21.630	149	607679	41.28	ng		98
85) Di-n-octyl phthalate	22.858	149	1042226	42.33	ng		97
87) Indeno(1,2,3-cd)pyrene	28.751	276	1366532	43.90	ng	#	90
88) Benzo(b)fluoranthene	23.980	252	1199930	43.62	ng	#	97
89) Benzo(k)fluoranthene	24.050	252	1138505	42.59	ng	#	96
90) Benzo(a)pyrene	24.867	252	1084192	41.97	ng	#	97
91) Dibenzo(a,h)anthracene	28.821	278	1128471	43.92	ng	#	94
92) Benzo(g,h,i)perylene	29.926	276	1116468	45.11	ng	#	96

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

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