Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043511.D
Acq On : 5 Nov 2019 17:11
Operator : JU
Sample : K5676-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-110119MS

Manual Integrations APPROVED
mohammad
11/6/2019 8:41:13 AM

Quant Time: Nov 06 02:21:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39756	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	147263	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	107948	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	272635	20.00	ng	0.00
76) Chrysene-d12	21.66	240	294070	20.00	ng	0.00
87) Perylene-d12	24.85	264	347605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266244	122.72	ng	0.00
7) Phenol-d6	7.20	99	375353	120.25	ng	0.00
23) Nitrobenzene-d5	9.17	82	219411	76.81	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	242577	118.09	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	575960	73.73	ng	0.00
79) Terphenyl-d14	20.00	244	1260009	80.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	28116	33.255	ng	# 59
3) Pyridine	3.90	79	20748	9.728	ng	# 92
4) n-Nitrosodimethylamine	3.79	42	47338	43.987	ng	# 89
6) Aniline	7.34	93	27640	7.687	ng	97
8) 2-Chlorophenol	7.58	128	105396	44.008	ng	98
9) Benzaldehyde	7.15	77	56697	36.960	ng	99
10) Phenol	7.22	94	139051	48.749	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	84428	38.284	ng	98
12) 1,3-Dichlorobenzene	7.90	146	112537	37.504	ng	95
13) 1,4-Dichlorobenzene	8.05	146	115039	37.892	ng	98
14) 1,2-Dichlorobenzene	8.36	146	110494	37.275	ng	97
15) Benzyl Alcohol	8.26	79	91721	41.839	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	114635	35.749	ng	94
17) 2-Methylphenol	8.47	107	87302	41.984	ng	98
18) Hexachloroethane	9.09	117	40318	36.809	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	78441	38.889	ng	91
20) 3+4-Methylphenols	8.80	107	122082	42.815	ng	98
22) Acetophenone	8.83	105	153506	40.704	ng	# 98
24) Nitrobenzene	9.22	77	116996	42.996	ng	# 95
25) Isophorone	9.74	82	224819	43.049	ng	98
26) 2-Nitrophenol	9.93	139	60068	45.724	ng	94
27) 2,4-Dimethylphenol	10.00	122	96162	51.072	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	120105	41.670	ng	99
29) 2,4-Dichlorophenol	10.48	162	113867	47.199	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	125821	41.380	ng	96
31) Naphthalene	10.87	128	324776	43.448	ng	99
32) Benzoic acid	10.17	122	47973	36.126	ng	97
33) 4-Chloroaniline	11.00	127	10150	3.313	ng	# 91
34) Hexachlorobutadiene	11.15	225	87081	38.742	ng	97
35) Caprolactam	11.75	113	35573m	42.814	ng	
36) 4-Chloro-3-methylphenol	12.12	107	125331	47.627	ng	97
37) 2-Methylnaphthalene	12.47	142	244241	42.585	ng	96
38) 1-Methylnaphthalene	12.69	142	236719	43.378	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	155030	38.806	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	159437	75.973	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	103866	44.148	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	110512	46.462	ng		96
46) 1,1'-Biphenyl	13.47	154	334512	40.734	ng		98
47) 2-Chloronaphthalene	13.52	162	256374	41.031	ng		98
48) 2-Nitroaniline	13.73	65	81662	43.728	ng		92
49) Acenaphthylene	14.36	152	430066	44.224	ng		98
50) Dimethylphthalate	14.10	163	401705	48.043	ng		98
51) 2,6-Dinitrotoluene	14.22	165	80991	44.587	ng		100
52) Acenaphthene	14.71	154	251809	42.461	ng		97
53) 3-Nitroaniline	14.56	138	21094	12.028	ng	#	99
54) 2,4-Dinitrophenol	14.76	184	89096	78.679	ng		94
55) Dibenzofuran	15.04	168	421341	43.812	ng		99
56) 4-Nitrophenol	14.89	139	120642	102.651	ng		90
57) 2,4-Dinitrotoluene	15.01	165	116713	44.960	ng	#	99
58) Fluorene	15.69	166	348756	43.237	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	114212	45.195	ng		96
60) Diethylphthalate	15.45	149	359607	42.804	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	202519	43.039	ng		97
62) 4-Nitroaniline	15.72	138	76189	42.065	ng		97
63) Azobenzene	15.97	77	298048	43.835	ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	70258	43.789	ng		95
66) n-Nitrosodiphenylamine	15.90	169	321086	41.715	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	144854	39.480	ng		99
68) Hexachlorobenzene	16.70	284	160958	38.218	ng		96
69) Atrazine	16.85	200	142381	53.234	ng		98
70) Pentachlorophenol	17.05	266	174648	91.006	ng		96
71) Phenanthrene	17.43	178	574347	41.139	ng		100
72) Anthracene	17.52	178	595116	42.605	ng		99
73) Carbazole	17.79	167	544505	43.046	ng		99
74) Di-n-butylphthalate	18.35	149	641719	41.811	ng		99
75) Fluoranthene	19.44	202	771303	42.377	ng		98
77) Benzidine	19.63	184	17283	2.920	ng		99
78) Pyrene	19.80	202	774522	42.550	ng		99
80) Butylbenzylphthalate	20.68	149	294769	42.743	ng		98
81) Benzo(a)anthracene	21.64	228	799928	43.426	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	101969	14.312	ng		98
83) Chrysene	21.71	228	779089	42.569	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	429497	43.843	ng		98
85) Di-n-octyl phthalate	22.73	149	749385	45.089	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1037549	45.163	ng	#	98
88) Benzo(b)fluoranthene	23.84	252	855779	43.469	ng		97
89) Benzo(k)fluoranthene	23.91	252	847572	42.765	ng		96
90) Benzo(a)pyrene	24.70	252	790795	42.064	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	881775	45.855	ng		98
92) Benzo(g,h,i)perylene	29.64	276	869032	45.816	ng		99

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

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