Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
Data File : BG044969.D
Acq On : 8 Apr 2020 00:20
Operator : CG/JU
Sample : L2123-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-040320MSD

Manual Integrations APPROVED
mohammad
4/8/2020 8:14:12 AM

Quant Time: Apr 08 07:28:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81596	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	312846	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	226565	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	551009	20.00	ng	0.00
76) Chrysene-d12	21.69	240	530085	20.00	ng	-0.01
87) Perylene-d12	24.90	264	571220	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	755575	144.15	ng	0.00
7) Phenol-d6	7.20	99	981612	128.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	724838	101.67	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	552542	186.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1610102	101.77	ng	0.00
79) Terphenyl-d14	20.03	244	2690095	94.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	100223	39.706	ng	# 47
3) Pyridine	3.92	79	272719	36.497	ng	# 76
4) n-Nitrosodimethylamine	3.82	42	111349	39.274	ng	# 63
6) Aniline	7.37	93	201346	21.247	ng	# 92
8) 2-Chlorophenol	7.61	128	323935	61.908	ng	92
9) Benzaldehyde	7.17	77	83439	14.350	ng	97
10) Phenol	7.23	94	374516	49.672	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	308530	51.273	ng	92
12) 1,3-Dichlorobenzene	7.94	146	338997	52.593	ng	97
13) 1,4-Dichlorobenzene	8.08	146	335285	52.615	ng	96
14) 1,2-Dichlorobenzene	8.40	146	318872	52.762	ng	99
15) Benzyl Alcohol	8.28	79	324056	53.033	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	291286	27.431	ng	82
17) 2-Methylphenol	8.48	107	279901	54.804	ng	99
18) Hexachloroethane	9.13	117	124512	49.630	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	263533	49.006	ng	# 86
20) 3+4-Methylphenols	8.81	107	385792	54.797	ng	99
22) Acetophenone	8.86	105	487694	55.026	ng	# 93
24) Nitrobenzene	9.24	77	397063	53.675	ng	96
25) Isophorone	9.77	82	738344	53.063	ng	98
26) 2-Nitrophenol	9.96	139	173531	65.321	ng	89
27) 2,4-Dimethylphenol	10.02	122	295008	65.105	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	426329	51.341	ng	98
29) 2,4-Dichlorophenol	10.50	162	334958	63.288	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	357024	56.416	ng	94
31) Naphthalene	10.90	128	983669	56.760	ng	100
32) Benzoic acid	10.17	122	192217	53.153	ng	97
33) 4-Chloroaniline	11.00	127	26411	3.383	ng	# 88
34) Hexachlorobutadiene	11.20	225	237398	57.044	ng	94
35) Caprolactam	11.77	113	95140m	47.478	ng	
36) 4-Chloro-3-methylphenol	12.13	107	381549	60.446	ng	98
37) 2-Methylnaphthalene	12.51	142	740914	57.153	ng	98
38) 1-Methylnaphthalene	12.72	142	706684	57.984	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	399343	53.521	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	530471	130.090	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	297593	60.098	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	319045	62.127	ng		96
46) 1,1'-Biphenyl	13.51	154	927006	51.201	ng		99
47) 2-Chloronaphthalene	13.55	162	731363	52.879	ng		96
48) 2-Nitroaniline	13.75	65	232145	47.943	ng		85
49) Acenaphthylene	14.40	152	1212716	55.968	ng		98
50) Dimethylphthalate	14.13	163	1057120	58.583	ng		99
51) 2,6-Dinitrotoluene	14.24	165	231119	63.542	ng		94
52) Acenaphthene	14.74	154	897070m	63.215	ng		
53) 3-Nitroaniline	14.57	138	86785	20.753	ng		97
54) 2,4-Dinitrophenol	14.78	184	267876	134.598	ng		96
55) Dibenzofuran	15.07	168	1170055	56.858	ng		98
56) 4-Nitrophenol	14.89	139	379594	118.940	ng		90
57) 2,4-Dinitrotoluene	15.03	165	334558	67.066	ng		95
58) Fluorene	15.73	166	986518	58.278	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	312167	66.026	ng		97
60) Diethylphthalate	15.50	149	1050920	55.839	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	537481	58.967	ng		98
62) 4-Nitroaniline	15.74	138	221772	49.735	ng		95
63) Azobenzene	16.01	77	1013647	51.864	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	200863	72.721	ng		89
66) n-Nitrosodiphenylamine	15.93	169	854896	51.533	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	387650	56.276	ng		95
68) Hexachlorobenzene	16.74	284	412241	55.163	ng		98
69) Atrazine	16.88	200	246014	40.477	ng		99
70) Pentachlorophenol	17.08	266	548437	133.380	ng		99
71) Phenanthrene	17.47	178	1623825	55.148	ng		97
72) Anthracene	17.55	178	1659021	57.140	ng		98
73) Carbazole	17.82	167	1510569	54.162	ng		98
74) Di-n-butylphthalate	18.39	149	1827856	53.914	ng		98
75) Fluoranthene	19.47	202	2022617	57.691	ng		98
77) Benzidine	19.64	184	273255	15.879	ng		97
78) Pyrene	19.83	202	2007196	51.611	ng		96
80) Butylbenzylphthalate	20.72	149	861070	49.768	ng		99
81) Benzo(a)anthracene	21.67	228	1957067	51.272	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	260023	17.609	ng		97
83) Chrysene	21.74	228	1864521	51.137	ng		97
84) Bis(2-ethylhexyl)phthalate	21.59	149	1202444	50.357	ng		97
85) Di-n-octyl phthalate	22.81	149	2028851	50.775	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.54	276	2580812	53.991	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	2176961	57.728	ng		97
89) Benzo(k)fluoranthene	23.96	252	2013494	56.421	ng		97
90) Benzo(a)pyrene	24.75	252	1963017	55.631	ng		98
91) Dibenzo(a,h)anthracene	28.61	278	2058545	59.134	ng		98
92) Benzo(g,h,i)perylene	29.69	276	2101590	59.753	ng		99

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

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