Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
Data File : BG044968.D
Acq On : 7 Apr 2020 23:40
Operator : CG/JU
Sample : L2123-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-040320MS

Manual Integrations APPROVED
mohammad
4/8/2020 8:14:09 AM

Quant Time: Apr 08 04:16:30 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	85390	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	328657	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	221908	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	516537	20.00	ng		0.00
76) Chrysene-d12	21.69	240	522810	20.00	ng		0.00
87) Perylene-d12	24.89	264	573885	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	814079	148.41	ng		0.00
7) Phenol-d6	7.21	99	1053187	132.15	ng		0.00
23) Nitrobenzene-d5	9.20	82	780080	104.15	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	538106	185.20	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1670517	107.80	ng		0.00
79) Terphenyl-d14	20.03	244	2683233	96.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	115031	43.548	ng	#	46
3) Pyridine	3.93	79	249598	31.919	ng	#	79
4) n-Nitrosodimethylamine	3.83	42	124593	41.993	ng	#	67
6) Aniline	7.37	93	258938	26.110	ng		92
8) 2-Chlorophenol	7.61	128	328788	60.044	ng		91
9) Benzaldehyde	7.18	77	116284	20.542	ng		96
10) Phenol	7.24	94	382331	48.456	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	325543	51.697	ng		91
12) 1,3-Dichlorobenzene	7.94	146	356165	52.801	ng		99
13) 1,4-Dichlorobenzene	8.08	146	358645	53.781	ng		100
14) 1,2-Dichlorobenzene	8.40	146	335140	52.990	ng		99
15) Benzyl Alcohol	8.28	79	336365	52.602	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	310175	27.912	ng		80
17) 2-Methylphenol	8.49	107	290030	54.264	ng		97
18) Hexachloroethane	9.13	117	131915	50.245	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	274545	48.786	ng	#	87
20) 3+4-Methylphenols	8.81	107	395744	53.713	ng		98
22) Acetophenone	8.86	105	505068	54.245	ng		93
24) Nitrobenzene	9.25	77	418661	53.872	ng		97
25) Isophorone	9.77	82	754796	51.636	ng		98
26) 2-Nitrophenol	9.96	139	169889	61.249	ng		94
27) 2,4-Dimethylphenol	10.02	122	301117	63.256	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	434845	49.847	ng		100
29) 2,4-Dichlorophenol	10.50	162	334919	60.236	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	376521	56.635	ng		96
31) Naphthalene	10.90	128	1004334	55.165	ng		98
32) Benzoic acid	10.17	122	180567	48.552	ng		96
33) 4-Chloroaniline	11.00	127	49421	6.025	ng		94
34) Hexachlorobutadiene	11.20	225	248111	56.750	ng		96
35) Caprolactam	11.77	113	89288m	42.414	ng		
36) 4-Chloro-3-methylphenol	12.12	107	374996	56.550	ng		97
37) 2-Methylnaphthalene	12.51	142	751857	55.207	ng		98
38) 1-Methylnaphthalene	12.72	142	731267	57.115	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	406146	55.575	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	529197	132.501	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	290914	59.982	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	308407	61.316	ng		92
46) 1,1'-Biphenyl	13.51	154	946477	53.373	ng		98
47) 2-Chloronaphthalene	13.55	162	739986	54.625	ng		98
48) 2-Nitroaniline	13.74	65	225912	47.635	ng		87
49) Acenaphthylene	14.40	152	1193534	56.238	ng		98
50) Dimethylphthalate	14.13	163	1046298	59.200	ng		100
51) 2,6-Dinitrotoluene	14.24	165	222643	62.496	ng		96
52) Acenaphthene	14.74	154	875191	62.968	ng		97
53) 3-Nitroaniline	14.57	138	106046	25.891	ng		89
54) 2,4-Dinitrophenol	14.78	184	230121	119.077	ng		97
55) Dibenzofuran	15.07	168	1156693	57.389	ng		99
56) 4-Nitrophenol	14.88	139	341044	109.104	ng		90
57) 2,4-Dinitrotoluene	15.03	165	309369	63.319	ng		96
58) Fluorene	15.72	166	957348	57.741	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	294985	63.701	ng		95
60) Diethylphthalate	15.50	149	988937	53.648	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	528414	59.189	ng		97
62) 4-Nitroaniline	15.74	138	220271	50.435	ng		96
63) Azobenzene	16.01	77	988276	51.627	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	177902	69.133	ng		89
66) n-Nitrosodiphenylamine	15.93	169	855857	55.034	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	367018	56.836	ng		97
68) Hexachlorobenzene	16.74	284	387885	55.368	ng		98
69) Atrazine	16.88	200	290654	51.013	ng		99
70) Pentachlorophenol	17.08	266	504189	130.802	ng		99
71) Phenanthrene	17.46	178	1537985	55.718	ng		99
72) Anthracene	17.56	178	1578751	58.004	ng		97
73) Carbazole	17.82	167	1490584	57.012	ng		99
74) Di-n-butylphthalate	18.39	149	1712326	53.877	ng		99
75) Fluoranthene	19.47	202	1935149	58.880	ng		97
77) Benzidine	19.64	184	454513	26.779	ng		100
78) Pyrene	19.83	202	1908841	49.765	ng		96
80) Butylbenzylphthalate	20.72	149	836003	48.992	ng		99
81) Benzo(a)anthracene	21.67	228	1906203	50.635	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	445153	30.565	ng		99
83) Chrysene	21.74	228	1829382	50.872	ng		97
84) Bis(2-ethylhexyl)phthalate	21.59	149	1159793	49.247	ng		97
85) Di-n-octyl phthalate	22.80	149	1992621	50.562	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.54	276	2534439	53.758	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	2123664	56.053	ng		98
89) Benzo(k)fluoranthene	23.95	252	2014082	56.175	ng		98
90) Benzo(a)pyrene	24.75	252	1955962	55.174	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	2056071	58.788	ng		96
92) Benzo(g,h,i)perylene	29.69	276	2092917	59.230	ng		97

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

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