Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG041000.D
Acq On : 1 Jun 2019 6:39
Operator : HP/JU
Sample : K3037-07MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1MS

Manual Integrations APPROVED
mohammad
6/3/2019 8:50:28 AM

Quant Time: Jun 03 02:19:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56938	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	232282	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	167954	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	419173	20.00	ng		0.00
76) Chrysene-d12	21.78	240	414702	20.00	ng		0.00
87) Perylene-d12	25.11	264	449596	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	181117	57.36	ng		0.00
7) Phenol-d6	7.26	99	165054	33.85	ng		0.00
23) Nitrobenzene-d5	9.30	82	403371	77.09	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	295056	118.34	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	888081	76.15	ng		0.00
79) Terphenyl-d14	20.09	244	1465461	75.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	22069	15.402	ng	#	81
3) Pyridine	3.93	79	63479	14.972	ng		96
4) n-Nitrosodimethylamine	3.85	42	36171	18.382	ng	#	91
6) Aniline	7.44	93	80057	12.299	ng		96
8) 2-Chlorophenol	7.68	128	118319	31.431	ng		94
9) Benzaldehyde	7.26	77	73000	25.094	ng		88
10) Phenol	7.29	94	62961	12.042	ng		91
11) bis(2-Chloroethyl)ether	7.53	93	138018	36.386	ng		98
12) 1,3-Dichlorobenzene	8.00	146	137537	30.590	ng		97
13) 1,4-Dichlorobenzene	8.16	146	140483	30.868	ng		96
14) 1,2-Dichlorobenzene	8.47	146	138042	31.239	ng		97
15) Benzyl Alcohol	8.36	79	116476	25.820	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	222485	35.895	ng		97
17) 2-Methylphenol	8.55	107	96449	25.477	ng		96
18) Hexachloroethane	9.21	117	51678	29.462	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	136180	36.288	ng		98
20) 3+4-Methylphenols	8.88	107	112919	21.533	ng		99
22) Acetophenone	8.95	105	252256	38.714	ng	#	97
24) Nitrobenzene	9.34	77	224516	42.106	ng		99
25) Isophorone	9.86	82	391344	39.301	ng		99
26) 2-Nitrophenol	10.05	139	88172	40.111	ng		97
27) 2,4-Dimethylphenol	10.09	122	133196	36.688	ng		94
28) bis(2-Chloroethoxy)methane	10.34	93	198216	36.882	ng		99
29) 2,4-Dichlorophenol	10.58	162	161306	34.989	ng		94
30) 1,2,4-Trichlorobenzene	10.80	180	171813	32.760	ng		98
31) Naphthalene	11.00	128	439890	35.272	ng		98
32) Benzoic acid	10.17	122	31301	17.340	ng		97
33) 4-Chloroaniline	11.10	127	66154	11.432	ng		94
34) Hexachlorobutadiene	11.25	225	123478	30.770	ng		96
35) Caprolactam	11.89	113	10547	6.928	ng	#	91
36) 4-Chloro-3-methylphenol	12.20	107	169300	32.155	ng		95
37) 2-Methylnaphthalene	12.59	142	341690	35.573	ng		99
38) 1-Methylnaphthalene	12.80	142	330656	36.531	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	250761	37.043	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	295843	81.166	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	162523	37.112	ng		98
44) 2,4,5-Trichlorophenol	13.26	196	171506	37.134	ng		97
46) 1,1'-Biphenyl	13.59	154	482070	38.776	ng		98
47) 2-Chloronaphthalene	13.64	162	391775	36.707	ng		98
48) 2-Nitroaniline	13.84	65	128262	33.498	ng		94
49) Acenaphthylene	14.48	152	608573	37.886	ng		99
50) Dimethylphthalate	14.20	163	625998	44.031	ng		98
51) 2,6-Dinitrotoluene	14.33	165	118686	38.718	ng		99
52) Acenaphthene	14.81	154	361912	37.191	ng		99
53) 3-Nitroaniline	14.66	138	43430	14.168	ng		95
54) 2,4-Dinitrophenol	14.87	184	154483	91.190	ng		97
55) Dibenzofuran	15.15	168	634798	38.769	ng		100
56) 4-Nitrophenol	14.96	139	65187	31.004	ng		95
57) 2,4-Dinitrotoluene	15.11	165	171018	39.495	ng		99
58) Fluorene	15.80	166	495589	38.005	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	182733	40.260	ng		99
60) Diethylphthalate	15.55	149	553308	38.135	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	311188	36.715	ng		97
62) 4-Nitroaniline	15.82	138	79665	24.549	ng		94
63) Azobenzene	16.08	77	503964	38.216	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	99547	44.977	ng		97
66) n-Nitrosodiphenylamine	16.00	169	461493	39.165	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	204962	36.232	ng		93
68) Hexachlorobenzene	16.79	284	214789	35.657	ng		98
69) Atrazine	16.94	200	189841	41.754	ng		95
70) Pentachlorophenol	17.14	266	266385	82.416	ng		97
71) Phenanthrene	17.54	178	834860	38.237	ng		98
72) Anthracene	17.63	178	853592	39.639	ng		100
73) Carbazole	17.90	167	752696	40.736	ng		99
74) Di-n-butylphthalate	18.43	149	879834	38.312	ng		97
75) Fluoranthene	19.54	202	1070059	39.678	ng		98
78) Pyrene	19.90	202	1072456	39.782	ng		100
80) Butylbenzylphthalate	20.77	149	401077	38.230	ng		97
81) Benzo(a)anthracene	21.75	228	1031011	37.349	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	56135	5.782	ng		94
83) Chrysene	21.82	228	1018903	38.570	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	568393	38.487	ng		99
85) Di-n-octyl phthalate	22.87	149	947591	38.526	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1236265	38.203	ng	#	98
88) Benzo(b)fluoranthene	24.04	252	1063402	38.996	ng		100
89) Benzo(k)fluoranthene	24.12	252	1020016	37.799	ng		98
90) Benzo(a)pyrene	24.96	252	1027474	39.492	ng		96
91) Dibenzo(a,h)anthracene	29.02	278	1026403	39.482	ng		98
92) Benzo(g,h,i)perylene	30.17	276	1030434	40.799	ng		98

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

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