Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039603.D
Acq On : 26 Feb 2019 16:41
Operator : JU/SJ
Sample : K1586-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-1MS

Manual Integrations APPROVED
Sohil
2/27/2019 4:21:44 PM

Quant Time: Feb 27 03:10:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	63958	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	273147	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	182791	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	445551	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	439232	20.00	ng		-0.02
87) Perylene-d12	25.20	264	458341	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	483611	129.41	ng		0.00
7) Phenol-d6	7.32	99	714202	129.84	ng		0.00
23) Nitrobenzene-d5	9.35	82	419366	95.91	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	286546	145.58	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	941153	73.86	ng		-0.02
79) Terphenyl-d14	20.12	244	1380310	66.52	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	52440	32.081	ng		97
3) Pyridine	4.01	79	150559	34.788	ng		97
4) n-Nitrosodimethylamine	3.93	42	83479	38.569	ng		86
6) Aniline	7.49	93	214884	31.188	ng		95
8) 2-Chlorophenol	7.73	128	167736	41.063	ng		95
9) Benzaldehyde	7.31	77	80579	26.542	ng		97
10) Phenol	7.35	94	256339	44.705	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	165095	36.437	ng		99
12) 1,3-Dichlorobenzene	8.05	146	176736	35.716	ng		99
13) 1,4-Dichlorobenzene	8.21	146	181153	36.729	ng		99
14) 1,2-Dichlorobenzene	8.52	146	174900	36.630	ng		98
15) Benzyl Alcohol	8.41	79	165676	38.364	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	324667	31.731	ng		98
17) 2-Methylphenol	8.60	107	154448	41.623	ng		93
18) Hexachloroethane	9.25	117	62791	37.004	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	137261	35.158	ng	#	94
20) 3+4-Methylphenols	8.93	107	211432	41.378	ng		98
22) Acetophenone	9.00	105	263488	35.911	ng	#	95
24) Nitrobenzene	9.39	77	202200	42.807	ng		98
25) Isophorone	9.90	82	396340	40.906	ng		99
26) 2-Nitrophenol	10.10	139	101411	53.015	ng		92
27) 2,4-Dimethylphenol	10.14	122	176462	45.022	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	237854	39.855	ng		96
29) 2,4-Dichlorophenol	10.63	162	189942	44.341	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	193757	40.288	ng		94
31) Naphthalene	11.04	128	549035	40.517	ng		99
32) Benzoic acid	10.23	122	44305m	23.039	ng		
33) 4-Chloroaniline	11.15	127	128381	20.433	ng		97
34) Hexachlorobutadiene	11.30	225	121925	38.121	ng		95
35) Caprolactam	11.94	113	67560m	38.113	ng		
36) 4-Chloro-3-methylphenol	12.25	107	209697	42.328	ng		95
37) 2-Methylnaphthalene	12.63	142	420662	41.914	ng		99
38) 1-Methylnaphthalene	12.85	142	398129	41.152	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	235371	40.470	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	271959	85.814 ng		100
43) 2,4,6-Trichlorophenol	13.23	196	163584	45.746 ng		96
44) 2,4,5-Trichlorophenol	13.30	196	177586	47.384 ng		96
46) 1,1'-Biphenyl	13.63	154	563099	37.025 ng		99
47) 2-Chloronaphthalene	13.67	162	433911	37.925 ng		98
48) 2-Nitroaniline	13.89	65	154256	47.119 ng		95
49) Acenaphthylene	14.52	152	702266	40.679 ng		99
50) Dimethylphthalate	14.24	163	654675	44.346 ng		99
51) 2,6-Dinitrotoluene	14.37	165	130153	47.285 ng		99
52) Acenaphthene	14.86	154	434022	38.730 ng		98
53) 3-Nitroaniline	14.70	138	90128	32.413 ng	#	91
54) 2,4-Dinitrophenol	14.91	184	152154	107.012 ng		95
55) Dibenzofuran	15.19	168	708788	39.449 ng		99
56) 4-Nitrophenol	15.00	139	233254	86.850 ng		91
57) 2,4-Dinitrotoluene	15.15	165	191884	53.267 ng	#	84
58) Fluorene	15.84	166	564925	42.178 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178168	50.772 ng		97
60) Diethylphthalate	15.59	149	600702	39.355 ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	298245	39.325 ng		96
62) 4-Nitroaniline	15.87	138	143922	46.622 ng		96
63) Azobenzene	16.11	77	541860	36.320 ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	113098	59.037 ng		97
66) n-Nitrosodiphenylamine	16.04	169	524744	38.733 ng		98
67) 4-Bromophenyl-phenylether	16.72	248	196600	39.774 ng		95
68) Hexachlorobenzene	16.83	284	201910	40.714 ng		96
69) Atrazine	16.98	200	195378	39.463 ng		96
70) Pentachlorophenol	17.18	266	267733	77.677 ng		99
71) Phenanthrene	17.58	178	936791	40.623 ng		99
72) Anthracene	17.67	178	957318	42.146 ng		99
73) Carbazole	17.94	167	837621	36.950 ng		99
74) Di-n-butylphthalate	18.47	149	1005918	38.036 ng		99
75) Fluoranthene	19.58	202	1113327	41.595 ng		98
77) Benzidine	19.76	184	575274	39.948 ng		99
78) Pyrene	19.94	202	1112176	40.674 ng		99
80) Butylbenzylphthalate	20.81	149	475229	41.201 ng		95
81) Benzo(a)anthracene	21.80	228	1092716	42.102 ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	255627	26.563 ng		98
83) Chrysene	21.88	228	1030360	41.704 ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	655887	39.858 ng		98
85) Di-n-octyl phthalate	22.93	149	1138300	41.871 ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1246398	47.020 ng		97
88) Benzo(b)fluoranthene	24.13	252	1067420	42.704 ng		98
89) Benzo(k)fluoranthene	24.20	252	1050616	41.865 ng		99
90) Benzo(a)pyrene	25.04	252	1059805	44.025 ng		99
91) Dibenzo(a,h)anthracene	29.17	278	1005574	44.605 ng		99
92) Benzo(g,h,i)perylene	30.32	276	1033198	45.980 ng		98

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

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