Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039874.D
Acq On : 12 Mar 2019 14:56
Operator : JU/SJ
Sample : K1830-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Manual Integrations APPROVED
Sohil
3/13/2019 5:49:22 PM

Quant Time: Mar 13 06:39:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39703	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	178655	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	126695	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	311103	20.00	ng		0.00
76) Chrysene-d12	21.81	240	309015	20.00	ng		0.00
87) Perylene-d12	25.18	264	326861	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	336304	144.51	ng		0.00
7) Phenol-d6	7.30	99	502233	144.73	ng		0.00
23) Nitrobenzene-d5	9.33	82	288910	87.46	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	203013	137.48	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	714851	80.34	ng		0.00
79) Terphenyl-d14	20.12	244	1128715	80.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39426	36.695	ng		96
3) Pyridine	4.00	79	6854	2.383	ng		93
4) n-Nitrosodimethylamine	3.91	42	58299	42.724	ng		95
6) Aniline	7.48	93	87572	19.262	ng		98
8) 2-Chlorophenol	7.71	128	119535	42.337	ng		99
9) Benzaldehyde	7.29	77	60458	27.009	ng		93
10) Phenol	7.33	94	178548	47.496	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	115959	39.564	ng		96
12) 1,3-Dichlorobenzene	8.04	146	123291	38.611	ng		98
13) 1,4-Dichlorobenzene	8.19	146	124644	38.322	ng		99
14) 1,2-Dichlorobenzene	8.51	146	120702	38.409	ng		96
15) Benzyl Alcohol	8.39	79	120063	43.618	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	231013	39.409	ng		99
17) 2-Methylphenol	8.58	107	108619	45.315	ng		99
18) Hexachloroethane	9.24	117	43444	37.225	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	98220	39.325	ng		94
20) 3+4-Methylphenols	8.91	107	152574	45.818	ng		98
22) Acetophenone	8.98	105	182995	38.163	ng	#	95
24) Nitrobenzene	9.37	77	143728	41.475	ng		98
25) Isophorone	9.89	82	282233	40.777	ng		98
26) 2-Nitrophenol	10.08	139	72396	43.269	ng		97
27) 2,4-Dimethylphenol	10.12	122	130972	50.331	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	168603	40.085	ng		96
29) 2,4-Dichlorophenol	10.62	162	140137	47.832	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	134704	40.859	ng		97
31) Naphthalene	11.03	128	387286	40.944	ng		98
32) Benzoic acid	10.23	122	22774m	17.593	ng		
33) 4-Chloroaniline	11.14	127	109246	27.236	ng		99
34) Hexachlorobutadiene	11.29	225	83175	36.920	ng		89
35) Caprolactam	11.92	113	47193m	42.168	ng		
36) 4-Chloro-3-methylphenol	12.24	107	156200	46.509	ng		96
37) 2-Methylnaphthalene	12.62	142	300916	42.551	ng		98
38) 1-Methylnaphthalene	12.84	142	288108	41.922	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	167075	38.926	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	207928	90.397	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	120067	47.781	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	128715	45.444	ng		98
46) 1,1'-Biphenyl	13.61	154	410724	39.415	ng		99
47) 2-Chloronaphthalene	13.67	162	317266	40.471	ng		98
48) 2-Nitroaniline	13.87	65	114767	45.555	ng		91
49) Acenaphthylene	14.51	152	522462	40.599	ng		99
50) Dimethylphthalate	14.23	163	498101	47.017	ng		100
51) 2,6-Dinitrotoluene	14.36	165	100833	44.896	ng		99
52) Acenaphthene	14.85	154	317555	40.999	ng		97
53) 3-Nitroaniline	14.69	138	82861	36.703	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	93978	67.249	ng		99
55) Dibenzofuran	15.17	168	529194	41.643	ng		98
56) 4-Nitrophenol	14.99	139	168744	83.554	ng		90
57) 2,4-Dinitrotoluene	15.14	165	142693	45.217	ng		88
58) Fluorene	15.83	166	414777	41.519	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	129544	46.831	ng		97
60) Diethylphthalate	15.58	149	444973	42.429	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	220828	41.423	ng		96
62) 4-Nitroaniline	15.86	138	105915	43.275	ng		98
63) Azobenzene	16.10	77	404197	42.518	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	79457	43.196	ng		98
66) n-Nitrosodiphenylamine	16.03	169	390405	43.347	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	145793	41.867	ng		97
68) Hexachlorobenzene	16.82	284	148228	41.065	ng		95
69) Atrazine	16.97	200	154166	43.493	ng		97
70) Pentachlorophenol	17.17	266	181170	79.472	ng		97
71) Phenanthrene	17.57	178	696511	40.646	ng		99
72) Anthracene	17.66	178	711510	42.609	ng		99
73) Carbazole	17.93	167	622069	41.322	ng		99
74) Di-n-butylphthalate	18.46	149	753265	42.528	ng		99
75) Fluoranthene	19.57	202	820371	40.509	ng		98
77) Benzidine	19.75	184	20275	2.068	ng		97
78) Pyrene	19.93	202	818652	40.770	ng		99
80) Butylbenzylphthalate	20.80	149	348322	44.774	ng		94
81) Benzo(a)anthracene	21.80	228	786432	40.607	ng		98
82) 3,3'-Dichlorobenzidine	21.71	252	236970	33.514	ng		99
83) Chrysene	21.86	228	756435	40.288	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	486423	44.495	ng		99
85) Di-n-octyl phthalate	22.91	149	825411	45.600	ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	885720	41.583	ng		97
88) Benzo(b)fluoranthene	24.10	252	788881	40.473	ng		99
89) Benzo(k)fluoranthene	24.17	252	755400	41.635	ng		100
90) Benzo(a)pyrene	25.03	252	769204	42.707	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	709891	40.204	ng		98
92) Benzo(g,h,i)perylene	30.28	276	717327	40.450	ng		96

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

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