Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039157.D
Acq On : 16 Jan 2019 15:04
Operator : JU/SJ
Sample : K1015-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-011119-AMSD

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:12 PM

Quant Time: Jan 16 15:49:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 14:03:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20060	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	91441	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	65263	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	182402	20.00	ng		0.00
76) Chrysene-d12	21.68	240	183314	20.00	ng		0.00
87) Perylene-d12	24.96	264	200668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	155750	147.29	ng		0.00
7) Phenol-d6	7.18	99	243309	159.88	ng		0.00
23) Nitrobenzene-d5	9.20	82	147383	88.20	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	169352	154.80	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	448786	94.11	ng		0.00
79) Terphenyl-d14	20.01	244	981483	99.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	13371	32.289	ng	#	16
3) Pyridine	3.86	79	43081	38.287	ng		94
4) n-Nitrosodimethylamine	3.77	42	27964	55.228	ng		96
6) Aniline	7.35	93	25184	13.779	ng		96
8) 2-Chlorophenol	7.58	128	65280	52.369	ng		94
9) Benzaldehyde	7.16	77	21607	24.619	ng		95
10) Phenol	7.21	94	73506	48.177	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	55159	47.301	ng		97
12) 1,3-Dichlorobenzene	7.91	146	60468	40.487	ng		97
13) 1,4-Dichlorobenzene	8.05	146	59980	39.654	ng		95
14) 1,2-Dichlorobenzene	8.37	146	58941	40.869	ng		96
15) Benzyl Alcohol	8.26	79	56677	49.454	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	98112	43.877	ng		97
17) 2-Methylphenol	8.46	107	51421	48.536	ng		97
18) Hexachloroethane	9.09	117	20288	39.481	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	44071	44.100	ng		96
20) 3+4-Methylphenols	8.80	107	70949	46.970	ng		97
22) Acetophenone	8.85	105	91395	38.273	ng	#	95
24) Nitrobenzene	9.24	77	66662	39.466	ng		97
25) Isophorone	9.75	82	145856	50.670	ng		99
26) 2-Nitrophenol	9.95	139	41595	45.528	ng		95
27) 2,4-Dimethylphenol	10.00	122	68562	53.341	ng		88
28) bis(2-Chloroethoxy)methane	10.23	93	87829	50.768	ng		96
29) 2,4-Dichlorophenol	10.48	162	89621	56.125	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	78029	40.669	ng		98
31) Naphthalene	10.88	128	198190	43.215	ng		100
32) Benzoic acid	10.16	122	25947	35.810	ng		87
33) 4-Chloroaniline	11.02	127	5980	2.914	ng	#	93
34) Hexachlorobutadiene	11.14	225	55765	42.241	ng		99
35) Caprolactam	11.79	113	19631m	30.658	ng		
36) 4-Chloro-3-methylphenol	12.12	107	84109	49.247	ng		93
37) 2-Methylnaphthalene	12.49	142	181255	52.714	ng		99
38) 1-Methylnaphthalene	12.71	142	162484	49.232	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	104512	42.641	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	108423	78.648	ng		96
43) 2,4,6-Trichlorophenol	13.10	196	74645	48.389	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	78299	48.024	ng		99
46) 1,1'-Biphenyl	13.49	154	219237	42.395	ng		99
47) 2-Chloronaphthalene	13.54	162	174947	41.806	ng		99
48) 2-Nitroaniline	13.76	65	51433	43.871	ng		94
49) Acenaphthylene	14.39	152	291155	46.289	ng		100
50) Dimethylphthalate	14.12	163	247800	44.932	ng		100
51) 2,6-Dinitrotoluene	14.24	165	55289	44.841	ng		98
52) Acenaphthene	14.73	154	166853	44.151	ng		99
53) 3-Nitroaniline	14.59	138	7189	5.747	ng	#	85
54) 2,4-Dinitrophenol	14.79	184	53210	72.707	ng		96
55) Dibenzofuran	15.06	168	288226	43.184	ng		99
56) 4-Nitrophenol	14.90	139	69725	77.473	ng		98
57) 2,4-Dinitrotoluene	15.04	165	77927	44.052	ng		97
58) Fluorene	15.71	166	235051	46.786	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	75866	49.294	ng		96
60) Diethylphthalate	15.47	149	253153	44.552	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	137832	43.547	ng		98
62) 4-Nitroaniline	15.75	138	49165	37.731	ng		93
63) Azobenzene	15.99	77	192430	43.305	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	45190	33.441	ng		96
66) n-Nitrosodiphenylamine	15.91	169	217638	40.249	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	95095	40.558	ng		93
68) Hexachlorobenzene	16.71	284	102279	39.976	ng		98
69) Atrazine	16.86	200	98570	42.910	ng		95
70) Pentachlorophenol	17.06	266	105908	67.940	ng		99
71) Phenanthrene	17.45	178	435228	45.143	ng		99
72) Anthracene	17.54	178	439532	46.108	ng		99
73) Carbazole	17.82	167	378362	40.207	ng		99
74) Di-n-butylphthalate	18.35	149	465427	44.459	ng		99
75) Fluoranthene	19.46	202	587329	49.140	ng		99
77) Benzidine	19.65	184	38700	6.902	ng		98
78) Pyrene	19.83	202	592398	50.709	ng		99
80) Butylbenzylphthalate	20.69	149	202196	45.506	ng		99
81) Benzo(a)anthracene	21.67	228	530050	47.499	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	51313	11.286	ng		94
83) Chrysene	21.73	228	498868	47.003	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	277262	44.941	ng		98
85) Di-n-octyl phthalate	22.74	149	482273	46.230	ng		100
86) Indeno(1,2,3-cd)pyrene	28.70	276	665890	52.507	ng	#	95
88) Benzo(b)fluoranthene	23.91	252	544508	49.211	ng		99
89) Benzo(k)fluoranthene	23.98	252	501946	45.882	ng		99
90) Benzo(a)pyrene	24.80	252	513980	48.058	ng		98
91) Dibenzo(a,h)anthracene	28.76	278	550912	51.787	ng		99
92) Benzo(g,h,i)perylene	29.90	276	505223	47.973	ng		98

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

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