Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039178.D
Acq On : 17 Jan 2019 4:50
Operator : JU/SJ
Sample : K1010-04MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:21 PM

Quant Time: Jan 17 05:48:14 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 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	21218	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	90854	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	69404	20.00	ng		-0.01
64) Phenanthrene-d10	17.41	188	173878	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	193485	20.00	ng		-0.02
87) Perylene-d12	24.95	264	202405	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	158363	141.58	ng		-0.01
7) Phenol-d6	7.18	99	200327	124.45	ng		-0.01
23) Nitrobenzene-d5	9.20	82	148956	89.71	ng		-0.02
42) 2,4,6-Tribromophenol	16.15	330	159887	137.43	ng		-0.02
45) 2-Fluorobiphenyl	13.28	172	476511	93.96	ng		-0.01
79) Terphenyl-d14	20.01	244	847260	81.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	13668	31.205	ng	#	1
3) Pyridine	3.87	79	44301	37.222	ng		92
4) n-Nitrosodimethylamine	3.78	42	28471	53.160	ng		98
6) Aniline	7.35	93	17589	9.098	ng		98
8) 2-Chlorophenol	7.58	128	65483	49.665	ng		98
9) Benzaldehyde	7.16	77	18290	19.703	ng		94
10) Phenol	7.21	94	68068	42.178	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	53608	43.462	ng		94
12) 1,3-Dichlorobenzene	7.90	146	65533	41.484	ng		99
13) 1,4-Dichlorobenzene	8.05	146	65980	41.240	ng		98
14) 1,2-Dichlorobenzene	8.37	146	65291	42.802	ng		98
15) Benzyl Alcohol	8.26	79	61572	50.793	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	106808	45.159	ng		98
17) 2-Methylphenol	8.46	107	57340	51.169	ng		96
18) Hexachloroethane	9.09	117	23074	42.452	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	47119	44.576	ng		99
20) 3+4-Methylphenols	8.79	107	78657	49.231	ng		96
22) Acetophenone	8.85	105	100626	42.411	ng	#	99
24) Nitrobenzene	9.24	77	73983	44.084	ng		96
25) Isophorone	9.75	82	161485	56.462	ng		97
26) 2-Nitrophenol	9.95	139	42293	46.591	ng		97
27) 2,4-Dimethylphenol	10.00	122	68687	53.784	ng		94
28) bis(2-Chloroethoxy)methane	10.24	93	82687	48.105	ng		97
29) 2,4-Dichlorophenol	10.48	162	86077	54.254	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	83040	43.561	ng		98
31) Naphthalene	10.88	128	213470	46.847	ng		99
32) Benzoic acid	10.15	122	15897	25.703	ng	#	86
33) 4-Chloroaniline	11.02	127	4063	1.993	ng	#	89
34) Hexachlorobutadiene	11.14	225	59191	45.125	ng		99
35) Caprolactam	11.79	113	19136m	30.078	ng		
36) 4-Chloro-3-methylphenol	12.12	107	120178	70.821	ng		92
37) 2-Methylnaphthalene	12.49	142	231040	67.628	ng		99
38) 1-Methylnaphthalene	12.70	142	209791	63.977	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	127948	49.088	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	127109	86.114	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	88387	53.879	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	94707	54.622	ng		96
46) 1,1'-Biphenyl	13.49	154	267637	48.666	ng		99
47) 2-Chloronaphthalene	13.54	162	217490	48.871	ng		98
48) 2-Nitroaniline	13.76	65	65445	52.492	ng		92
49) Acenaphthylene	14.38	152	318415	47.602	ng		99
50) Dimethylphthalate	14.11	163	292964	49.952	ng		100
51) 2,6-Dinitrotoluene	14.25	165	61741	47.086	ng		97
52) Acenaphthene	14.72	154	183826	45.740	ng		97
53) 3-Nitroaniline	14.59	138	3292	2.475	ng	#	93
54) 2,4-Dinitrophenol	14.80	184	26265	36.634	ng		95
55) Dibenzofuran	15.06	168	319810	45.057	ng		100
56) 4-Nitrophenol	14.90	139	70430	73.587	ng		98
57) 2,4-Dinitrotoluene	15.04	165	83819	44.556	ng		95
58) Fluorene	15.71	166	258768	48.433	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	82064	50.140	ng		99
60) Diethylphthalate	15.47	149	272271	45.058	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	149473	44.407	ng		99
62) 4-Nitroaniline	15.75	138	50719	36.602	ng		91
63) Azobenzene	15.99	77	211390	44.734	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33441	25.960	ng		96
66) n-Nitrosodiphenylamine	15.91	169	236510	45.883	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	102342	45.788	ng		99
68) Hexachlorobenzene	16.70	284	110818	45.437	ng		96
69) Atrazine	16.86	200	97266	44.419	ng		96
70) Pentachlorophenol	17.06	266	87167	59.451	ng		97
71) Phenanthrene	17.45	178	442993	48.200	ng		99
72) Anthracene	17.54	178	450562	49.583	ng		99
73) Carbazole	17.82	167	391209	43.610	ng		99
74) Di-n-butylphthalate	18.35	149	470267	47.123	ng		99
75) Fluoranthene	19.46	202	547594	48.062	ng		99
77) Benzidine	19.65	184	53433	9.029	ng		99
78) Pyrene	19.82	202	552471	44.805	ng		99
80) Butylbenzylphthalate	20.69	149	205854	43.894	ng		98
81) Benzo(a)anthracene	21.66	228	592342	50.291	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	48501	10.106	ng	#	92
83) Chrysene	21.73	228	555614	49.598	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	320838	49.270	ng		97
85) Di-n-octyl phthalate	22.74	149	523014	47.500	ng		99
86) Indeno(1,2,3-cd)pyrene	28.70	276	650505	48.597	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	554535	49.687	ng		99
89) Benzo(k)fluoranthene	23.97	252	544180	49.315	ng		99
90) Benzo(a)pyrene	24.80	252	538133	49.885	ng		99
91) Dibenzo(a,h)anthracene	28.75	278	541803	50.494	ng		99
92) Benzo(g,h,i)perylene	29.87	276	537911	50.638	ng		96

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

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