Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039263.D
Acq On : 23 Jan 2019 14:53
Operator : JU/SJ
Sample : IDOC-S-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04

Manual Integrations APPROVED
Sohil
1/24/2019 12:15:57 PM

Quant Time: Jan 23 16:13:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15263	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	63096	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	42638	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	116453	20.00	ng		0.00
76) Chrysene-d12	21.67	240	141553	20.00	ng		0.00
87) Perylene-d12	24.93	264	133825	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	119737	148.82	ng		0.00
7) Phenol-d6	7.17	99	162728	140.54	ng		0.00
23) Nitrobenzene-d5	9.19	82	90055	78.10	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	98045	137.18	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	255114	81.88	ng		0.00
79) Terphenyl-d14	20.00	244	546358	71.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	11200	35.546	ng		90
3) Pyridine	3.84	79	30020	35.064	ng		97
4) n-Nitrosodimethylamine	3.76	42	16826	43.675	ng	#	87
6) Aniline	7.34	93	36848	26.498	ng		98
8) 2-Chlorophenol	7.57	128	38286	40.367	ng		96
9) Benzaldehyde	7.15	77	9960	14.915	ng		92
10) Phenol	7.20	94	50375	43.393	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	31326	35.306	ng		96
12) 1,3-Dichlorobenzene	7.89	146	43136	37.960	ng		94
13) 1,4-Dichlorobenzene	8.04	146	42535	36.959	ng		99
14) 1,2-Dichlorobenzene	8.36	146	40116	36.558	ng		93
15) Benzyl Alcohol	8.25	79	34078	39.080	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	63149	37.117	ng		97
17) 2-Methylphenol	8.45	107	32798	40.687	ng		97
18) Hexachloroethane	9.08	117	15928	40.738	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	27311	35.918	ng		93
20) 3+4-Methylphenols	8.78	107	47929	41.703	ng		96
22) Acetophenone	8.83	105	56317	34.178	ng		98
24) Nitrobenzene	9.23	77	43533	37.351	ng		96
25) Isophorone	9.74	82	78516	39.530	ng		99
26) 2-Nitrophenol	9.94	139	24003	38.075	ng		96
27) 2,4-Dimethylphenol	9.99	122	41418	46.699	ng		93
28) bis(2-Chloroethoxy)methane	10.22	93	60603	50.767	ng		97
29) 2,4-Dichlorophenol	10.47	162	49366	44.804	ng		95
30) 1,2,4-Trichlorobenzene	10.68	180	49658	37.509	ng		98
31) Naphthalene	10.87	128	127164	40.184	ng		99
32) Benzoic acid	10.16	122	14187m	30.337	ng		
33) 4-Chloroaniline	11.00	127	28129	19.865	ng		97
34) Hexachlorobutadiene	11.13	225	32473	35.648	ng		96
35) Caprolactam	11.77	113	15945m	36.088	ng		
36) 4-Chloro-3-methylphenol	12.11	107	52210	44.303	ng		92
37) 2-Methylnaphthalene	12.47	142	98905	41.687	ng		99
38) 1-Methylnaphthalene	12.70	142	105396	46.281	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	63908	39.910	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	70962	78.778	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	41944	41.618	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	45849	43.043	ng		96
46) 1,1'-Biphenyl	13.48	154	128632	38.073	ng		99
47) 2-Chloronaphthalene	13.53	162	102884	37.631	ng		99
48) 2-Nitroaniline	13.75	65	31168	40.692	ng		97
49) Acenaphthylene	14.38	152	170789	41.561	ng		99
50) Dimethylphthalate	14.10	163	138735	38.504	ng		98
51) 2,6-Dinitrotoluene	14.23	165	31718	39.374	ng		99
52) Acenaphthene	14.72	154	94567	38.302	ng		94
53) 3-Nitroaniline	14.58	138	21368	26.148	ng		97
54) 2,4-Dinitrophenol	14.78	184	30110	63.695	ng		96
55) Dibenzofuran	15.05	168	166589	38.203	ng		100
56) 4-Nitrophenol	14.88	139	45069	76.649	ng		98
57) 2,4-Dinitrotoluene	15.02	165	44850	38.807	ng	#	94
58) Fluorene	15.70	166	135418	41.257	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.27	232	40523	40.301	ng		99
60) Diethylphthalate	15.45	149	149399	40.244	ng		97
61) 4-Chlorophenyl-phenylether	15.68	204	78183	37.808	ng		99
62) 4-Nitroaniline	15.74	138	33517	39.371	ng		97
63) Azobenzene	15.97	77	115082	39.641	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	28765	33.341	ng		98
66) n-Nitrosodiphenylamine	15.90	169	132395	38.350	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	52989	35.398	ng		97
68) Hexachlorobenzene	16.70	284	56477	34.575	ng		98
69) Atrazine	16.84	200	51266	34.956	ng		94
70) Pentachlorophenol	17.05	266	51612	53.232	ng		95
71) Phenanthrene	17.44	178	242031	39.321	ng		99
72) Anthracene	17.53	178	250492	41.159	ng		99
73) Carbazole	17.81	167	211574	35.216	ng		98
74) Di-n-butylphthalate	18.34	149	259030	38.756	ng		99
75) Fluoranthene	19.45	202	325171	42.614	ng		100
77) Benzidine	19.63	184	118750	27.428	ng		99
78) Pyrene	19.82	202	326595	36.204	ng		99
80) Butylbenzylphthalate	20.68	149	122722	35.768	ng		98
81) Benzo(a)anthracene	21.65	228	356250	41.343	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	84796	24.152	ng		97
83) Chrysene	21.72	228	332608	40.584	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	202107	42.424	ng		95
85) Di-n-octyl phthalate	22.72	149	343061	42.587	ng		99
86) Indeno(1,2,3-cd)pyrene	28.67	276	342013	34.925	ng	#	95
88) Benzo(b)fluoranthene	23.89	252	314436	42.612	ng		99
89) Benzo(k)fluoranthene	23.96	252	313824	43.014	ng		98
90) Benzo(a)pyrene	24.77	252	306522	42.976	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	284887	40.156	ng		100
92) Benzo(g,h,i)perylene	29.85	276	279249	39.760	ng		98

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

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