Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039261.D
Acq On : 23 Jan 2019 13:35
Operator : JU/SJ
Sample : IDOC-S-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-S-02

Manual Integrations APPROVED
Sohil
1/24/2019 12:15:54 PM

Quant Time: Jan 23 14:41:04 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	19449	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	78115	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	54029	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	136489	20.00	ng		0.00
76) Chrysene-d12	21.67	240	143742	20.00	ng		0.00
87) Perylene-d12	24.93	264	160447	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	151648	147.91	ng		0.00
7) Phenol-d6	7.17	99	207752	140.80	ng		0.00
23) Nitrobenzene-d5	9.18	82	108465	75.98	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	119953	132.45	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	329107	83.36	ng		0.00
79) Terphenyl-d14	20.00	244	609642	78.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	11370	28.319	ng		85
3) Pyridine	3.84	79	29045	26.624	ng		100
4) n-Nitrosodimethylamine	3.77	42	19111	38.929	ng		95
6) Aniline	7.34	93	49461	27.912	ng		95
8) 2-Chlorophenol	7.57	128	47202	39.056	ng		98
9) Benzaldehyde	7.15	77	8063	9.476	ng		91
10) Phenol	7.20	94	62081	41.967	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	38338	33.909	ng		98
12) 1,3-Dichlorobenzene	7.89	146	58385	40.321	ng		98
13) 1,4-Dichlorobenzene	8.04	146	53771	36.666	ng		94
14) 1,2-Dichlorobenzene	8.36	146	50305	35.977	ng		99
15) Benzyl Alcohol	8.25	79	47312	42.579	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83250	38.400	ng		98
17) 2-Methylphenol	8.45	107	45362	44.162	ng		98
18) Hexachloroethane	9.08	117	17669	35.464	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	34981	36.103	ng		95
20) 3+4-Methylphenols	8.78	107	60817	41.528	ng		97
22) Acetophenone	8.84	105	72352	35.467	ng	#	99
24) Nitrobenzene	9.23	77	52802	36.594	ng		99
25) Isophorone	9.74	82	101806	41.401	ng		98
26) 2-Nitrophenol	9.94	139	28983	37.135	ng		97
27) 2,4-Dimethylphenol	9.99	122	48899	44.533	ng		85
28) bis(2-Chloroethoxy)methane	10.22	93	55557	37.592	ng		99
29) 2,4-Dichlorophenol	10.47	162	65557	48.059	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	61941	37.792	ng		94
31) Naphthalene	10.87	128	158542	40.467	ng		99
32) Benzoic acid	10.16	122	15784	28.220	ng		89
33) 4-Chloroaniline	10.99	127	37036	21.127	ng		98
34) Hexachlorobutadiene	11.13	225	40253	35.692	ng		96
35) Caprolactam	11.78	113	19732m	36.073	ng		
36) 4-Chloro-3-methylphenol	12.11	107	61585	42.211	ng		93
37) 2-Methylnaphthalene	12.48	142	116122	39.533	ng		99
38) 1-Methylnaphthalene	12.70	142	134749	47.794	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	81320	40.077	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	79418	70.247	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	54651	42.794	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	58655	43.456	ng		94
46) 1,1'-Biphenyl	13.48	154	167720	39.177	ng		99
47) 2-Chloronaphthalene	13.53	162	129842	37.479	ng		99
48) 2-Nitroaniline	13.75	65	39675	40.878	ng		93
49) Acenaphthylene	14.38	152	210047	40.338	ng		98
50) Dimethylphthalate	14.10	163	180310	39.492	ng		99
51) 2,6-Dinitrotoluene	14.24	165	39289	38.490	ng		97
52) Acenaphthene	14.72	154	117804	37.654	ng		97
53) 3-Nitroaniline	14.57	138	26171	25.274	ng	#	97
54) 2,4-Dinitrophenol	14.78	184	42931	70.995	ng		94
55) Dibenzofuran	15.05	168	206674	37.403	ng		99
56) 4-Nitrophenol	14.88	139	56162	75.378	ng		95
57) 2,4-Dinitrotoluene	15.02	165	54554	37.251	ng		97
58) Fluorene	15.70	166	170036	40.882	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	52074	40.871	ng		98
60) Diethylphthalate	15.46	149	178449	37.935	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	96580	36.858	ng		98
62) 4-Nitroaniline	15.74	138	37942	35.173	ng		99
63) Azobenzene	15.97	77	139314	37.871	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	36093	35.694	ng		95
66) n-Nitrosodiphenylamine	15.90	169	152993	37.811	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	65811	37.510	ng		98
68) Hexachlorobenzene	16.69	284	70288	36.714	ng		98
69) Atrazine	16.84	200	59418	34.567	ng		96
70) Pentachlorophenol	17.05	266	67701	58.885	ng		96
71) Phenanthrene	17.44	178	289866	40.179	ng		98
72) Anthracene	17.53	178	292605	41.021	ng		99
73) Carbazole	17.81	167	256270	36.393	ng		100
74) Di-n-butylphthalate	18.34	149	301796	38.526	ng		99
75) Fluoranthene	19.45	202	367513	41.092	ng		99
77) Benzidine	19.64	184	113062	25.716	ng		99
78) Pyrene	19.81	202	364679	39.810	ng		99
80) Butylbenzylphthalate	20.68	149	137254	39.395	ng		100
81) Benzo(a)anthracene	21.65	228	360354	41.182	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	95841	26.882	ng		95
83) Chrysene	21.72	228	339368	40.778	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	194750	40.257	ng		97
85) Di-n-octyl phthalate	22.73	149	373439	45.652	ng		100
86) Indeno(1,2,3-cd)pyrene	28.67	276	423091	42.546	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	383639	43.364	ng		100
89) Benzo(k)fluoranthene	23.95	252	359635	41.114	ng		98
90) Benzo(a)pyrene	24.78	252	412041	48.184	ng		99
91) Dibenzo(a,h)anthracene	28.73	278	351722	41.351	ng		99
92) Benzo(g,h,i)perylene	29.85	276	355455	42.213	ng		97

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

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