Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036991.D
Acq On : 26 Sep 2018 21:07
Operator : JU/SJ
Sample : J5081-20MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2-DMS

Manual Integrations APPROVED
Sohil
9/28/2018 4:41:50 PM

Quant Time: Sep 27 08:38:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42741	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	176806	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	113802	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	282760	20.00	ng		0.00
75) Chrysene-d12	21.68	240	289424	20.00	ng		0.00
86) Perylene-d12	24.88	264	303973	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	256315	115.01	ng		0.00
7) Phenol-d6	7.20	99	354545	102.82	ng		0.00
23) Nitrobenzene-d5	9.21	82	233527	70.73	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	140810	103.42	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	468521	61.32	ng		0.00
78) Terphenyl-d14	20.02	244	750891	68.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	32704	32.069	ng		97
3) Pyridine	3.93	79	86735	29.456	ng		98
4) n-Nitrosodimethylamine	3.84	42	50631	38.687	ng	#	96
6) Aniline	7.37	93	102580	22.927	ng		99
8) 2-Chlorophenol	7.61	128	87710	33.894	ng		95
9) Benzaldehyde	7.18	77	58430	25.644	ng		95
10) Phenol	7.23	94	125796	35.349	ng		93
11) bis(2-Chloroethyl)ether	7.46	93	94043	28.569	ng		95
12) 1,3-Dichlorobenzene	7.93	146	93728	29.543	ng		97
13) 1,4-Dichlorobenzene	8.08	146	95383	29.379	ng		99
14) 1,2-Dichlorobenzene	8.40	146	92495	29.399	ng		98
15) Benzyl Alcohol	8.28	79	83330	29.784	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	193876	30.678	ng		100
17) 2-Methylphenol	8.48	107	77707	31.348	ng		97
18) Hexachloroethane	9.12	117	37356	31.266	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	77635	27.065	ng		97
20) 3+4-Methylphenols	8.81	107	110067	31.918	ng		95
22) Acetophenone	8.87	105	138557	33.348	ng	#	94
24) Nitrobenzene	9.25	77	116790	33.124	ng		98
25) Isophorone	9.77	82	217981	36.133	ng		98
26) 2-Nitrophenol	9.96	139	47928	34.103	ng		96
27) 2,4-Dimethylphenol	10.01	122	83456	38.122	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	122892	33.013	ng		98
29) 2,4-Dichlorophenol	10.49	162	93879	36.993	ng		92
30) 1,2,4-Trichlorobenzene	10.71	180	98318	30.958	ng		99
31) Naphthalene	10.90	128	289484	34.411	ng		99
32) Benzoic acid	10.14	122	27692m	20.328	ng		
33) 4-Chloroaniline	11.01	127	84620	22.123	ng		97
34) Hexachlorobutadiene	11.18	225	68416	31.151	ng		96
35) Caprolactam	11.77	113	33731	32.294	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	107288	35.432	ng		97
37) 2-Methylnaphthalene	12.50	142	225317	35.166	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	124487	31.363	ng		98
40) Hexachlorocyclopentadiene	12.84	237	127727	62.569	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	77894	35.340	ng		100
43) 2,4,5-Trichlorophenol	13.18	196	89673	38.154	ng		97
45) 1,1'-Biphenyl	13.50	154	290231	33.300	ng		98
46) 2-Chloronaphthalene	13.54	162	220695	32.199	ng		98
47) 2-Nitroaniline	13.75	65	81166	34.237	ng		94
48) Acenaphthylene	14.39	152	379178	35.304	ng		98
49) Dimethylphthalate	14.12	163	444552	48.530	ng		100
50) 2,6-Dinitrotoluene	14.24	165	65648	32.847	ng		96
51) Acenaphthene	14.73	154	211042	32.512	ng		98
52) 3-Nitroaniline	14.58	138	54141	25.707	ng		99
53) 2,4-Dinitrophenol	14.79	184	17411	24.461	ng		92
54) Dibenzofuran	15.07	168	359962	32.784	ng		99
55) 4-Nitrophenol	14.88	139	88221	65.571	ng		91
56) 2,4-Dinitrotoluene	15.03	165	90909	32.598	ng		95
57) Fluorene	15.72	166	288087	35.104	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	86005	36.073	ng		98
59) Diethylphthalate	15.48	149	296099	32.049	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	159590	30.707	ng		99
61) 4-Nitroaniline	15.74	138	68071	30.728	ng		96
62) Azobenzene	16.00	77	304939	34.350	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	32179	21.767	ng		95
65) n-Nitrosodiphenylamine	15.92	169	257280	32.958	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	103593	32.209	ng		97
67) Hexachlorobenzene	16.72	284	104274	31.479	ng		96
68) Atrazine	16.86	200	107609	34.045	ng		99
69) Pentachlorophenol	17.06	266	101078	48.466	ng		99
70) Phenanthrene	17.46	178	477619	35.052	ng		98
71) Anthracene	17.54	178	492528	36.555	ng		99
72) Carbazole	17.81	167	428346	32.607	ng		98
73) Di-n-butylphthalate	18.37	149	503337	34.501	ng		98
74) Fluoranthene	19.46	202	588004	35.850	ng		99
76) Benzidine	19.65	184	266802	30.494	ng		98
77) Pyrene	19.82	202	580865	33.445	ng		99
79) Butylbenzylphthalate	20.71	149	232365	33.566	ng		97
80) Benzo(a)anthracene	21.66	228	577311	34.170	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	154727	24.060	ng		97
82) Chrysene	21.73	228	552670	33.856	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	325395	33.647	ng		98
84) Di-n-octyl phthalate	22.77	149	543408	34.128	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	641371	36.588	ng	#	88
87) Benzo(b)fluoranthene	23.87	252	562381	34.716	ng		99
88) Benzo(k)fluoranthene	23.94	252	547145	33.666	ng		99
89) Benzo(a)pyrene	24.74	252	547798	34.978	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	521786	35.549	ng		97
91) Benzo(g,h,i)perylene	29.67	276	526096	35.714	ng		97

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

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