Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106946.D
Acq On : 29 Jun 2018 2:43
Operator : JU/SJ
Sample : J3593-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Manual Integrations APPROVED
Sohil
6/29/2018 2:31:03 PM

Quant Time: Jun 29 06:52:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62862	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	212295	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	90272	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	156211	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	175482	20.00	ng		-0.02
86) Perylene-d12	15.68	264	159899	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	257079	69.25	ng		0.00
7) Phenol-d6	6.60	99	540561	116.60	ng		-0.01
23) Nitrobenzene-d5	7.52	82	380446	99.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	57673	55.12	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	605889	119.61	ng		-0.02
78) Terphenyl-d14	13.07	244	640530	88.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	69351	36.337	ng		98
3) Pyridine	3.62	79	199137	38.472	ng		95
4) n-Nitrosodimethylamine	3.60	42	85296	38.798	ng		87
6) Aniline	6.62	93	182609	29.038	ng		93
8) 2-Chlorophenol	6.75	128	132029	32.425	ng		98
9) Benzaldehyde	6.51	77	87347	24.985	ng		96
10) Phenol	6.62	94	215537	40.738	ng	#	72
11) bis(2-Chloroethyl)ether	6.69	93	191015	43.732	ng		99
12) 1,3-Dichlorobenzene	6.90	146	220654	46.269	ng		97
13) 1,4-Dichlorobenzene	6.97	146	223583	46.373	ng		99
14) 1,2-Dichlorobenzene	7.12	146	204761	46.340	ng		98
15) Benzyl Alcohol	7.10	79	159110	42.742	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	251990	43.972	ng		61
17) 2-Methylphenol	7.21	107	151666	43.526	ng	#	92
18) Hexachloroethane	7.46	117	69585	41.041	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	122181	39.982	ng		94
20) 3+4-Methylphenols	7.37	107	190507	53.431	ng	#	58
22) Acetophenone	7.37	105	249403	52.511	ng	#	97
24) Nitrobenzene	7.54	77	193520	49.619	ng		99
25) Isophorone	7.77	82	337751	50.175	ng		98
26) 2-Nitrophenol	7.85	139	42096	22.864	ng		94
27) 2,4-Dimethylphenol	7.89	122	161371	56.706	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	221607	49.031	ng		98
29) 2,4-Dichlorophenol	8.10	162	101757	34.154	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	178075	54.257	ng		97
31) Naphthalene	8.26	128	505060	50.886	ng		100
33) 4-Chloroaniline	8.31	127	118901	28.550	ng		98
34) Hexachlorobutadiene	8.37	225	120220	56.215	ng		98
35) Caprolactam	8.66	113	42543	43.806	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	144316	46.020	ng		97
37) 2-Methylnaphthalene	8.95	142	350774	53.319	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	178854	58.832	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	16647	10.643	ng		99
42) 2,4,6-Trichlorophenol	9.24	196	20625	10.206	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	41984	19.911	ng		85
45) 1,1'-Biphenyl	9.41	154	397729	55.284	ng		98
46) 2-Chloronaphthalene	9.44	162	287112	50.701	ng		95
47) 2-Nitroaniline	9.54	65	87320	45.855	ng		94
48) Acenaphthylene	9.86	152	437919	48.981	ng		99
49) Dimethylphthalate	9.71	163	408088	60.274	ng		98
50) 2,6-Dinitrotoluene	9.78	165	73107	50.993	ng		93
51) Acenaphthene	10.03	154	259560	46.103	ng		98
52) 3-Nitroaniline	9.95	138	68794	41.699	ng		98
54) Dibenzofuran	10.20	168	384806	49.915	ng		97
55) 4-Nitrophenol	10.15	139	2388m	2.074	ng		
56) 2,4-Dinitrotoluene	10.18	165	86688	46.324	ng		90
57) Fluorene	10.54	166	287937	47.068	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	10444	6.231	ng	#	62
59) Diethylphthalate	10.40	149	292028	44.689	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	156633	48.935	ng	#	88
61) 4-Nitroaniline	10.57	138	70556	43.092	ng		95
62) Azobenzene	10.69	77	257279	39.981	ng		95
65) n-Nitrosodiphenylamine	10.65	169	254214	48.383	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	98153	52.649	ng	#	80
67) Hexachlorobenzene	11.10	284	100587	51.550	ng	#	81
68) Atrazine	11.18	200	84659	50.684	ng		92
69) Pentachlorophenol	11.30	266	4505	4.627	ng		96
70) Phenanthrene	11.51	178	402530	53.426	ng		99
71) Anthracene	11.57	178	412226	53.603	ng		99
72) Carbazole	11.72	167	372896	51.791	ng		98
73) Di-n-butylphthalate	12.03	149	386940	45.617	ng		99
74) Fluoranthene	12.71	202	485348	58.445	ng		94
76) Benzidine	12.83	184	235854	47.193	ng		96
77) Pyrene	12.94	202	500758	43.274	ng		100
79) Butylbenzylphthalate	13.54	149	185702	39.031	ng		98
80) Benzo(a)anthracene	14.13	228	530820	49.632	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	171138	45.529	ng	#	96
82) Chrysene	14.17	228	504311	51.254	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	249026	40.940	ng		96
84) Di-n-octyl phthalate	14.72	149	479629	48.374	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	402201	48.168	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	523705	52.725	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	466638	49.333	ng	#	95
89) Benzo(a)pyrene	15.61	252	454164	51.434	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	344000	45.968	ng	#	92
91) Benzo(g,h,i)perylene	17.73	276	326473	44.634	ng	#	91

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

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