Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109150.D
Acq On : 19 Sep 2018 18:16
Operator : JU/SJ
Sample : J4983-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:45 AM

Quant Time: Sep 20 04:58:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125404	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	450299	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	188240	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	315660	20.00	ng		0.00
75) Chrysene-d12	13.86	240	294374	20.00	ng		0.00
86) Perylene-d12	15.27	264	292291	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	544551	72.12	ng		0.01
7) Phenol-d6	6.36	99	682864	70.14	ng		0.00
23) Nitrobenzene-d5	7.28	82	428496	53.37	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	136474	66.80	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	729115	60.68	ng		0.00
78) Terphenyl-d14	12.81	244	613364	49.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	69053	19.213	ng		93
3) Pyridine	3.17	79	168404	17.675	ng		90
4) n-Nitrosodimethylamine	3.07	42	90453	25.137	ng	#	96
6) Aniline	6.38	93	187144	14.872	ng	#	44
8) 2-Chlorophenol	6.51	128	182843	21.639	ng		96
9) Benzaldehyde	6.27	77	70698	11.370	ng		98
10) Phenol	6.37	94	235698	21.516	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	192241	22.306	ng		95
12) 1,3-Dichlorobenzene	6.67	146	215975	22.350	ng		98
13) 1,4-Dichlorobenzene	6.74	146	219321	22.624	ng		97
14) 1,2-Dichlorobenzene	6.90	146	202584	22.541	ng		97
15) Benzyl Alcohol	6.87	79	163216	22.082	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	261590	21.184	ng		96
17) 2-Methylphenol	6.98	107	146519	21.254	ng		97
18) Hexachloroethane	7.24	117	65969	18.737	ng		100
19) n-Nitroso-di-n-propylamine	7.14	70	138272	21.486	ng		97
20) 3+4-Methylphenols	7.14	107	179446	21.613	ng	#	80
22) Acetophenone	7.13	105	260870	25.510	ng	#	95
24) Nitrobenzene	7.30	77	193492	23.376	ng		98
25) Isophorone	7.54	82	355721	25.776	ng		98
26) 2-Nitrophenol	7.62	139	39478	10.214	ng		97
27) 2,4-Dimethylphenol	7.66	122	152914	25.221	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	227760	24.525	ng		99
29) 2,4-Dichlorophenol	7.86	162	133443	20.654	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	162336	23.244	ng		96
31) Naphthalene	8.02	128	529968	25.357	ng		99
33) 4-Chloroaniline	8.07	127	171060	18.408	ng		99
34) Hexachlorobutadiene	8.15	225	95540	22.408	ng		99
35) Caprolactam	8.42	113	37459	17.784	ng		86
36) 4-Chloro-3-methylphenol	8.55	107	136848	20.121	ng		96
37) 2-Methylnaphthalene	8.72	142	339966	24.953	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	151066	25.498	ng		98
40) Hexachlorocyclopentadiene	8.88	237	35711	11.963	ng		96
42) 2,4,6-Trichlorophenol	9.00	196	88037	22.107	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	90531	21.754	ng		94
45) 1,1'-Biphenyl	9.18	154	392517	26.064	ng		98
46) 2-Chloronaphthalene	9.20	162	297790	24.691	ng		98
47) 2-Nitroaniline	9.30	65	84444	22.775	ng		96
48) Acenaphthylene	9.61	152	463395	25.483	ng		99
49) Dimethylphthalate	9.48	163	444379	33.029	ng		99
50) 2,6-Dinitrotoluene	9.54	165	52345	17.544	ng		92
51) Acenaphthene	9.79	154	261744	23.116	ng		98
52) 3-Nitroaniline	9.70	138	83300	23.710	ng		98
54) Dibenzofuran	9.96	168	382989	23.406	ng		99
55) 4-Nitrophenol	9.87	139	69077	26.686	ng		97
56) 2,4-Dinitrotoluene	9.94	165	61011	15.636	ng	#	95
57) Fluorene	10.30	166	280324	25.707	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	70040	20.326	ng	#	87
59) Diethylphthalate	10.18	149	333184	24.523	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	138939	23.795	ng		93
61) 4-Nitroaniline	10.31	138	72914	21.844	ng		98
62) Azobenzene	10.45	77	306724	22.055	ng		94
65) n-Nitrosodiphenylamine	10.41	169	266023	25.764	ng		94
66) 4-Bromophenyl-phenylether	10.78	248	86988	24.444	ng		92
67) Hexachlorobenzene	10.85	284	89014	23.385	ng	#	90
68) Atrazine	10.94	200	81591	24.685	ng		97
69) Pentachlorophenol	11.04	266	64637	26.541	ng		98
70) Phenanthrene	11.25	178	390120	25.212	ng		98
71) Anthracene	11.31	178	413294	26.349	ng		99
72) Carbazole	11.46	167	362595	23.352	ng		98
73) Di-n-butylphthalate	11.80	149	452529	24.897	ng		98
74) Fluoranthene	12.44	202	430579	26.358	ng		96
76) Benzidine	12.55	184	106676	10.237	ng		97
77) Pyrene	12.67	202	432367	19.774	ng		98
79) Butylbenzylphthalate	13.29	149	195735	20.042	ng		98
80) Benzo(a)anthracene	13.85	228	427172	23.968	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	131291	18.255	ng	#	97
82) Chrysene	13.88	228	415963	23.328	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	268098	22.672	ng		99
84) Di-n-octyl phthalate	14.46	149	506329	25.247	ng		97
85) Indeno(1,2,3-cd)pyrene	16.62	276	327694	22.987	ng	#	93
87) Benzo(b)fluoranthene	14.87	252	405356	25.068	ng		99
88) Benzo(k)fluoranthene	14.89	252	392739m	26.004	ng		
89) Benzo(a)pyrene	15.21	252	364795	25.403	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	280490	23.249	ng	#	94
91) Benzo(g,h,i)perylene	17.02	276	258140	21.401	ng	#	92

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

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