Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108943.D
Acq On : 11 Sep 2018 18:50
Operator : JU/SJ
Sample : J4847-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Manual Integrations APPROVED
Sohil
9/12/2018 9:12:01 AM

Quant Time: Sep 12 03:43:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175074	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	661863	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	286317	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	460143	20.00	ng		0.00
75) Chrysene-d12	13.87	240	359143	20.00	ng		0.00
86) Perylene-d12	15.28	264	460615	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	682823	64.61	ng		0.01
7) Phenol-d6	6.37	99	879239	64.66	ng		0.00
23) Nitrobenzene-d5	7.30	82	535189	50.60	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	167470	61.27	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	836150	49.82	ng		0.00
78) Terphenyl-d14	12.82	244	587293	38.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	98859	19.465	ng		94
3) Pyridine	3.17	79	224644	16.151	ng		91
4) n-Nitrosodimethylamine	3.08	42	130943	24.511	ng	#	94
6) Aniline	6.40	93	353890	19.351	ng		98
8) 2-Chlorophenol	6.52	128	283856	24.267	ng		93
9) Benzaldehyde	6.28	77	145521	15.086	ng		95
10) Phenol	6.38	94	364990	23.436	ng		96
11) bis(2-Chloroethyl)ether	6.47	93	279773	22.425	ng		98
12) 1,3-Dichlorobenzene	6.68	146	297485	22.286	ng		98
13) 1,4-Dichlorobenzene	6.75	146	302894	22.691	ng		99
14) 1,2-Dichlorobenzene	6.91	146	285776	23.226	ng		99
15) Benzyl Alcohol	6.88	79	248928	23.855	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	407610	21.857	ng		97
17) 2-Methylphenol	7.00	107	228547	23.120	ng		98
18) Hexachloroethane	7.25	117	106793	22.187	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	199365	21.094	ng		98
20) 3+4-Methylphenols	7.15	107	276713	23.896	ng	#	62
22) Acetophenone	7.14	105	375637	25.007	ng	#	93
24) Nitrobenzene	7.31	77	296559	26.134	ng		97
25) Isophorone	7.56	82	537514	25.479	ng		99
26) 2-Nitrophenol	7.64	139	135682	30.349	ng		95
27) 2,4-Dimethylphenol	7.68	122	245038	26.991	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	348686	24.722	ng		98
29) 2,4-Dichlorophenol	7.88	162	228299	24.388	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	229435	22.615	ng		96
31) Naphthalene	8.04	128	777987	26.127	ng		99
32) Benzoic acid	7.75	122	82838m	17.965	ng		
33) 4-Chloroaniline	8.09	127	277148	20.265	ng		96
34) Hexachlorobutadiene	8.17	225	136623	22.543	ng		99
35) Caprolactam	8.44	113	65784	20.738	ng		90
36) 4-Chloro-3-methylphenol	8.57	107	228786	22.942	ng		97
37) 2-Methylnaphthalene	8.73	142	500976	25.466	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	218693	25.552	ng		98
40) Hexachlorocyclopentadiene	8.89	237	148838	34.567	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	149092	25.575	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	160316	26.530	ng		94
45) 1,1'-Biphenyl	9.20	154	581926	26.400	ng		98
46) 2-Chloronaphthalene	9.22	162	449404	25.209	ng		96
47) 2-Nitroaniline	9.31	65	139965	28.740	ng		97
48) Acenaphthylene	9.63	152	709058	26.684	ng		100
49) Dimethylphthalate	9.50	163	780736	38.986	ng		99
50) 2,6-Dinitrotoluene	9.55	165	113939	29.859	ng		94
51) Acenaphthene	9.80	154	420713	25.585	ng		98
52) 3-Nitroaniline	9.71	138	112343	24.732	ng		94
53) 2,4-Dinitrophenol	9.82	184	30315	28.412	ng	#	23
54) Dibenzofuran	9.97	168	589169	24.580	ng		98
55) 4-Nitrophenol	9.88	139	157522	46.387	ng		93
56) 2,4-Dinitrotoluene	9.95	165	138164	28.312	ng	#	94
57) Fluorene	10.31	166	427452	27.789	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	118089	24.233	ng	#	88
59) Diethylphthalate	10.19	149	494563	23.931	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	213278	25.962	ng		96
61) 4-Nitroaniline	10.32	138	97914	23.794	ng		97
62) Azobenzene	10.47	77	491621	23.046	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	27102	19.703	ng		94
65) n-Nitrosodiphenylamine	10.42	169	414155	27.071	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	134854	25.948	ng	#	87
67) Hexachlorobenzene	10.87	284	131584	23.718	ng	#	90
68) Atrazine	10.95	200	129221	26.385	ng		98
69) Pentachlorophenol	11.05	266	119105	35.115	ng		99
70) Phenanthrene	11.27	178	572431	26.051	ng		98
71) Anthracene	11.32	178	592033	28.140	ng		99
72) Carbazole	11.47	167	507620	22.910	ng		98
73) Di-n-butylphthalate	11.81	149	661473	26.884	ng		99
74) Fluoranthene	12.45	202	526644	24.207	ng		95
76) Benzidine	12.57	184	329164	19.338	ng		98
77) Pyrene	12.68	202	520741	18.843	ng		99
79) Butylbenzylphthalate	13.30	149	236722	19.021	ng		96
80) Benzo(a)anthracene	13.86	228	520565	22.614	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	203776	22.721	ng	#	97
82) Chrysene	13.90	228	506277	22.718	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	324637	20.757	ng		98
84) Di-n-octyl phthalate	14.48	149	639314	24.519	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	582093	29.515	ng		95
87) Benzo(b)fluoranthene	14.88	252	594193	23.724	ng		99
88) Benzo(k)fluoranthene	14.91	252	533720	23.140	ng		98
89) Benzo(a)pyrene	15.22	252	558670	24.721	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	496296	24.922	ng		97
91) Benzo(g,h,i)perylene	17.05	276	451775	22.658	ng		94

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

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