Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109959.D
Acq On : 18 Oct 2018 14:17
Operator : JU/SJ
Sample : J5565-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RLF-SD-5MSD

Manual Integrations APPROVED
Sohil
10/19/2018 12:08:34 PM

Quant Time: Oct 19 02:50:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	236823	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	923454	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	415784	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	727614	20.00	ng		0.00
76) Chrysene-d12	14.16	240	412469	20.00	ng		0.00
87) Perylene-d12	15.69	264	428843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1796513	120.25	ng		0.01
7) Phenol-d6	6.60	99	2287759	123.32	ng		0.00
23) Nitrobenzene-d5	7.55	82	1417710	103.42	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	477905	132.76	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2096252	80.45	ng		0.00
79) Terphenyl-d14	13.10	244	1597412	81.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	246657	29.068	ng		94
3) Pyridine	3.69	79	697096	36.848	ng		88
4) n-Nitrosodimethylamine	3.65	42	339824	44.034	ng	#	99
6) Aniline	6.65	93	512812	20.512	ng	#	52
8) 2-Chlorophenol	6.77	128	705105	42.133	ng		97
9) Benzaldehyde	6.53	77	294884	24.460	ng		99
10) Phenol	6.62	94	1044353	52.140	ng	#	62
11) bis(2-Chloroethyl)ether	6.72	93	671946	40.122	ng		95
12) 1,3-Dichlorobenzene	6.92	146	738356	40.236	ng		96
13) 1,4-Dichlorobenzene	7.00	146	740914	40.090	ng		98
14) 1,2-Dichlorobenzene	7.15	146	686006	40.310	ng		98
15) Benzyl Alcohol	7.12	79	614249	43.037	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1085866	39.503	ng		68
17) 2-Methylphenol	7.22	107	590236	43.738	ng	#	80
18) Hexachloroethane	7.49	117	272627	41.743	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	475366	39.907	ng		98
20) 3+4-Methylphenols	7.37	107	716018	41.812	ng		95
22) Acetophenone	7.39	105	942745	44.021	ng		97
24) Nitrobenzene	7.56	77	709034	47.612	ng		93
25) Isophorone	7.80	82	1335701	49.589	ng		96
26) 2-Nitrophenol	7.87	139	366971	59.433	ng		94
27) 2,4-Dimethylphenol	7.90	122	661094	50.955	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	851620	46.069	ng		99
29) 2,4-Dichlorophenol	8.12	162	583586	46.368	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	615756	43.695	ng		96
31) Naphthalene	8.29	128	1935596	45.709	ng		99
32) Benzoic acid	7.98	122	98038	12.128	ng		90
33) 4-Chloroaniline	8.33	127	100854	5.298	ng		96
34) Hexachlorobutadiene	8.39	225	330309	42.506	ng		99
35) Caprolactam	8.70	113	185846m	41.577	ng		
36) 4-Chloro-3-methylphenol	8.81	107	606048	45.645	ng		93
37) 2-Methylnaphthalene	8.97	142	1305716	47.618	ng		98
38) 1-Methylnaphthalene	9.07	142	1235315	46.492	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	550167	42.960	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	616771	99.782	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	389818	48.680	ng		95
44) 2,4,5-Trichlorophenol	9.29	196	404179	48.631	ng		95
46) 1,1'-Biphenyl	9.44	154	1554877	41.973	ng		99
47) 2-Chloronaphthalene	9.47	162	1179514	43.226	ng		98
48) 2-Nitroaniline	9.56	65	373878	53.391	ng		93
49) Acenaphthylene	9.89	152	1819716	45.905	ng		97
50) Dimethylphthalate	9.74	163	1660823	56.411	ng		99
51) 2,6-Dinitrotoluene	9.80	165	313156	56.002	ng		92
52) Acenaphthene	10.06	154	1156634	45.830	ng		99
53) 3-Nitroaniline	9.97	138	149080	21.916	ng		96
54) 2,4-Dinitrophenol	10.07	184	126348	71.938	ng		90
55) Dibenzofuran	10.23	168	1568072	43.567	ng		94
56) 4-Nitrophenol	10.13	139	503434	96.996	ng		94
57) 2,4-Dinitrotoluene	10.21	165	396516	55.358	ng	#	86
58) Fluorene	10.57	166	1208649	46.131	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.35	232	330411	50.163	ng		97
60) Diethylphthalate	10.44	149	1301448	44.756	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	578672	42.400	ng		97
62) 4-Nitroaniline	10.59	138	313115	48.628	ng		92
63) Azobenzene	10.72	77	1252154	41.219	ng		96
65) 4,6-Dinitro-2-methylphenol	10.62	198	137977	51.628	ng		94
66) n-Nitrosodiphenylamine	10.68	169	1089296	44.949	ng		96
67) 4-Bromophenyl-phenylether	11.06	248	356881	45.258	ng		97
68) Hexachlorobenzene	11.12	284	366736	43.613	ng		95
69) Atrazine	11.20	200	361487	47.754	ng		99
70) Pentachlorophenol	11.32	266	359995	75.226	ng		97
71) Phenanthrene	11.54	178	1672630	44.403	ng		99
72) Anthracene	11.59	178	1717349	45.347	ng		99
73) Carbazole	11.75	167	1467024	39.416	ng		99
74) Di-n-butylphthalate	12.06	149	1824458	43.923	ng		100
75) Fluoranthene	12.73	202	1472566	39.132	ng		99
77) Benzidine	12.85	184	607832	38.435	ng		96
78) Pyrene	12.96	202	1401585	46.265	ng		99
80) Butylbenzylphthalate	13.57	149	608925	49.717	ng		98
81) Benzo(a)anthracene	14.15	228	1121448	46.159	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	272234	31.962	ng		99
83) Chrysene	14.19	228	1032931	44.666	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	841815	52.235	ng		94
85) Di-n-octyl phthalate	14.74	149	1319083	58.056	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1303683	70.016	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	1109206	44.864	ng		99
89) Benzo(k)fluoranthene	15.26	252	1061979m	43.579	ng		
90) Benzo(a)pyrene	15.62	252	1088235	47.858	ng		97
91) Dibenzo(a,h)anthracene	17.28	278	1073198	53.256	ng		97
92) Benzo(g,h,i)perylene	17.74	276	1044502	51.300	ng	#	94

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

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