Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116201.D
Acq On : 12 Aug 2019 20:58
Operator : HP/JU
Sample : K4085-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-080919-AMSD

Manual Integrations APPROVED
mohammad
8/14/2019 2:53:35 AM

Quant Time: Aug 13 01:42:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116854	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	464460	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	258940	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	481954	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	386041	20.00	ng		0.00
87) Perylene-d12	15.46	264	388242	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	884333	126.69	ng		0.00
7) Phenol-d6	6.48	99	1058599	120.20	ng		0.00
23) Nitrobenzene-d5	7.40	82	802431	99.73	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	352846	140.55	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1378766	99.73	ng		-0.01
79) Terphenyl-d14	12.94	244	1754730	95.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	134733	38.207	ng	#	85
3) Pyridine	3.45	79	239794	24.343	ng		98
4) n-Nitrosodimethylamine	3.36	42	154128	39.648	ng		99
6) Aniline	6.50	93	126270	10.012	ng	#	67
8) 2-Chlorophenol	6.63	128	368252	47.709	ng		100
9) Benzaldehyde	6.39	77	168343	27.703	ng		99
10) Phenol	6.49	94	391282	37.729	ng		78
11) bis(2-Chloroethyl)ether	6.57	93	362138	47.495	ng		97
12) 1,3-Dichlorobenzene	6.77	146	394814	44.259	ng		99
13) 1,4-Dichlorobenzene	6.85	146	404498	45.287	ng		98
14) 1,2-Dichlorobenzene	7.00	146	374085	45.485	ng		99
15) Benzyl Alcohol	6.98	79	307724	46.043	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	476796	45.845	ng		90
17) 2-Methylphenol	7.10	107	305441	46.733	ng		95
18) Hexachloroethane	7.34	117	147869	44.966	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	263051	48.201	ng		98
20) 3+4-Methylphenols	7.25	107	380053	49.138	ng		94
22) Acetophenone	7.25	105	515320	50.590	ng		95
24) Nitrobenzene	7.42	77	417342	48.036	ng		98
25) Isophorone	7.66	82	766732	49.834	ng		99
26) 2-Nitrophenol	7.73	139	206781	50.490	ng		100
27) 2,4-Dimethylphenol	7.77	122	337799	54.824	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	469262	49.208	ng		100
29) 2,4-Dichlorophenol	7.98	162	333325	51.235	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	348399	46.980	ng		99
31) Naphthalene	8.13	128	1089748	49.859	ng		99
32) Benzoic acid	7.93	122	160430	36.931	ng		100
33) 4-Chloroaniline	8.20	127	85215	8.726	ng		98
34) Hexachlorobutadiene	8.25	225	196593	46.024	ng		100
35) Caprolactam	8.57	113	77408m	36.789	ng		
36) 4-Chloro-3-methylphenol	8.68	107	342223	50.564	ng		100
37) 2-Methylnaphthalene	8.83	142	733513	50.958	ng		99
38) 1-Methylnaphthalene	8.93	142	689549	50.636	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	338233	48.860	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	178738	59.179 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	220061	46.184 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	232771	47.259 ng	98
46) 1,1'-Biphenyl	9.29	154	906407	49.582 ng	98
47) 2-Chloronaphthalene	9.32	162	714229	46.942 ng	99
48) 2-Nitroaniline	9.42	65	225055	44.750 ng	97
49) Acenaphthylene	9.73	152	1077556	48.544 ng	99
50) Dimethylphthalate	9.59	163	842309	47.775 ng	100
51) 2,6-Dinitrotoluene	9.66	165	188324	49.151 ng	98
52) Acenaphthene	9.90	154	651252	47.823 ng	99
53) 3-Nitroaniline	9.83	138	84364	17.820 ng	98
54) 2,4-Dinitrophenol	9.95	184	145355	75.117 ng	97
55) Dibenzofuran	10.08	168	931137	47.018 ng	100
56) 4-Nitrophenol	10.01	139	232261	76.583 ng	96
57) 2,4-Dinitrotoluene	10.07	165	237780	46.611 ng	96
58) Fluorene	10.42	166	761302	49.965 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	210289	50.747 ng	99
60) Diethylphthalate	10.29	149	826104	50.186 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	379538	49.184 ng	99
62) 4-Nitroaniline	10.45	138	209081	42.734 ng	99
63) Azobenzene	10.57	77	845045	49.912 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	117383	45.960 ng	89
66) n-Nitrosodiphenylamine	10.53	169	682800	47.069 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	240052	46.528 ng	99
68) Hexachlorobenzene	10.97	284	272366	45.654 ng	98
69) Atrazine	11.06	200	227871	47.749 ng	98
70) Pentachlorophenol	11.17	266	257419	88.874 ng	97
71) Phenanthrene	11.39	178	1153316	46.809 ng	100
72) Anthracene	11.44	178	1203819	48.278 ng	99
73) Carbazole	11.59	167	1127092	49.822 ng	100
74) Di-n-butylphthalate	11.91	149	1410465	53.447 ng	99
75) Fluoranthene	12.57	202	1304832	50.586 ng	98
77) Benzidine	12.70	184	95278	7.305 ng	98
78) Pyrene	12.80	202	1322413	45.443 ng	99
80) Butylbenzylphthalate	13.41	149	634422	51.539 ng	99
81) Benzo(a)anthracene	13.99	228	1153990	46.769 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	159748	18.635 ng	98
83) Chrysene	14.03	228	1124350	46.936 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	922205	57.652 ng	99
85) Di-n-octyl phthalate	14.57	149	1503259	59.165 ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1019210	50.657 ng	99
88) Benzo(b)fluoranthene	15.04	252	1102452	49.110 ng	98
89) Benzo(k)fluoranthene	15.07	252	951147	43.500 ng	98
90) Benzo(a)pyrene	15.41	252	976336	48.653 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	867213	49.925 ng	99
92) Benzo(g,h,i)perylene	17.39	276	853856	50.052 ng	97

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

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