Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117101.D
Acq On : 17 Sep 2019 12:50
Operator : HP/JU
Sample : K4887-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0157MS

Quant Time: Sep 17 17:52:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	65425	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	259228	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	135225	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	217061	20.00	ng		0.00
76) Chrysene-d12	13.97	240	135232	20.00	ng		0.00
87) Perylene-d12	15.43	264	122669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	226050	53.94	ng		0.00
7) Phenol-d6	6.46	99	193062	35.65	ng		0.00
23) Nitrobenzene-d5	7.39	82	477508	96.79	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	164363	145.43	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	837324	96.82	ng		0.00
79) Terphenyl-d14	12.92	244	770308	106.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	22635	12.908	ng		95
3) Pyridine	3.36	79	31962	6.659	ng		96
4) n-Nitrosodimethylamine	3.26	42	21084	12.801	ng	#	98
6) Aniline	6.49	93	115369	16.546	ng		100
8) 2-Chlorophenol	6.62	128	165304	36.565	ng		97
9) Benzaldehyde	6.37	77	179414	74.425	ng	#	86
10) Phenol	6.47	94	86025	14.409	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	188742	43.013	ng		97
12) 1,3-Dichlorobenzene	6.77	146	186233	36.711	ng		96
13) 1,4-Dichlorobenzene	6.84	146	195348	37.734	ng		99
14) 1,2-Dichlorobenzene	7.00	146	181577	37.672	ng		98
15) Benzyl Alcohol	6.97	79	109518	26.371	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	185580	42.807	ng		88
17) 2-Methylphenol	7.09	107	111518	29.433	ng	#	93
18) Hexachloroethane	7.33	117	81193	40.768	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	156664	47.506	ng		97
20) 3+4-Methylphenols	7.23	107	122348	25.925	ng	#	45
22) Acetophenone	7.23	105	338967	51.466	ng	#	96
24) Nitrobenzene	7.41	77	233604	47.946	ng		93
25) Isophorone	7.65	82	432067	49.461	ng		99
26) 2-Nitrophenol	7.72	139	107233	51.239	ng		97
27) 2,4-Dimethylphenol	7.76	122	165144	49.761	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	255317	47.439	ng		100
29) 2,4-Dichlorophenol	7.97	162	162028	46.594	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	155187	41.307	ng		99
31) Naphthalene	8.13	128	645448	51.771	ng		99
32) Benzoic acid	7.85	122	19960	13.465	ng	#	86
33) 4-Chloroaniline	8.17	127	134683	24.357	ng		99
34) Hexachlorobutadiene	8.25	225	83529	39.188	ng		99
35) Caprolactam	8.55	113	7099	6.031	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	176353	43.493	ng		97
37) 2-Methylnaphthalene	8.82	142	421760	50.237	ng		100
38) 1-Methylnaphthalene	8.92	142	399706	50.834	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	157483	45.100	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	119368	77.598 ng		97
43) 2,4,6-Trichlorophenol	9.10	196	111730	47.150 ng		97
44) 2,4,5-Trichlorophenol	9.14	196	120098	47.436 ng		97
46) 1,1'-Biphenyl	9.28	154	495035	46.670 ng		99
47) 2-Chloronaphthalene	9.30	162	389395	46.516 ng		99
48) 2-Nitroaniline	9.40	65	130193	48.488 ng		91
49) Acenaphthylene	9.72	152	618679	49.334 ng		99
50) Dimethylphthalate	9.57	163	485527	50.710 ng		100
51) 2,6-Dinitrotoluene	9.64	165	104268	53.470 ng	#	87
52) Acenaphthene	9.89	154	359523	48.363 ng		99
53) 3-Nitroaniline	9.81	138	71645	29.120 ng		100
54) 2,4-Dinitrophenol	9.93	184	74858	87.883 ng		91
55) Dibenzofuran	10.06	168	548783	50.034 ng		100
56) 4-Nitrophenol	9.98	139	42785	26.831 ng		97
57) 2,4-Dinitrotoluene	10.05	165	141250	55.802 ng		98
58) Fluorene	10.40	166	448432	50.755 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	95691	49.390 ng	#	98
60) Diethylphthalate	10.27	149	472266	50.136 ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	190651	49.874 ng		99
62) 4-Nitroaniline	10.42	138	108526	42.415 ng		97
63) Azobenzene	10.55	77	485250	50.438 ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	54876	54.409 ng		84
66) n-Nitrosodiphenylamine	10.51	169	394724	52.655 ng		97
67) 4-Bromophenyl-phenylether	10.88	248	111288	50.204 ng		98
68) Hexachlorobenzene	10.96	284	115601	47.679 ng		99
69) Atrazine	11.04	200	101603	59.393 ng		98
70) Pentachlorophenol	11.15	266	108613	95.568 ng		98
71) Phenanthrene	11.36	178	621001	50.369 ng		100
72) Anthracene	11.42	178	647745	51.462 ng		97
73) Carbazole	11.57	167	612897	51.299 ng		99
74) Di-n-butylphthalate	11.89	149	725584	51.044 ng		99
75) Fluoranthene	12.55	202	635262	50.147 ng		97
77) Benzidine	12.66	184	80286	18.430 ng		99
78) Pyrene	12.77	202	638427	56.264 ng		99
80) Butylbenzylphthalate	13.39	149	290945	54.264 ng		93
81) Benzo(a)anthracene	13.96	228	458368	50.732 ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	108954	37.422 ng		97
83) Chrysene	14.00	228	451031	51.183 ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	386339	55.885 ng		98
85) Di-n-octyl phthalate	14.56	149	583516	53.629 ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	385333	59.937 ng		99
88) Benzo(b)fluoranthene	15.01	252	354709	47.737 ng		98
89) Benzo(k)fluoranthene	15.04	252	355890	50.562 ng		99
90) Benzo(a)pyrene	15.37	252	338798	51.960 ng		100
91) Dibenzo(a,h)anthracene	16.89	278	328014	63.148 ng		98
92) Benzo(g,h,i)perylene	17.31	276	322731	62.350 ng		97

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

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