Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
Data File : BF117430.D
Acq On : 17 Oct 2019 19:13
Operator : JU
Sample : K5152-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Manual Integrations APPROVED
mohammad
10/20/2019 8:11:52 PM

Quant Time: Oct 18 09:42:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	48885	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	194031	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	100334	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	172623	20.00	ng		0.00
76) Chrysene-d12	13.96	240	128624	20.00	ng		0.00
87) Perylene-d12	15.42	264	115323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	445004	140.06	ng		0.02
7) Phenol-d6	6.45	99	603948	143.27	ng		0.00
23) Nitrobenzene-d5	7.36	82	373876	97.67	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	141541	173.33	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	680684	98.91	ng		0.00
79) Terphenyl-d14	12.90	244	787500	99.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	51449	39.335	ng	#	84
3) Pyridine	3.43	79	117619	35.335	ng		98
4) n-Nitrosodimethylamine	3.32	42	56658	48.303	ng		92
6) Aniline	6.46	93	60830	11.551	ng	#	1
8) 2-Chlorophenol	6.59	128	161518	45.726	ng		93
9) Benzaldehyde	6.35	77	60216	25.776	ng		99
10) Phenol	6.46	94	222230	48.831	ng		81
11) bis(2-Chloroethyl)ether	6.53	93	157299	45.461	ng		97
12) 1,3-Dichlorobenzene	6.73	146	122784	31.083	ng		99
13) 1,4-Dichlorobenzene	6.81	146	129382	32.131	ng		99
14) 1,2-Dichlorobenzene	6.96	146	123956	32.591	ng		99
15) Benzyl Alcohol	6.95	79	152339	47.234	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	146927	40.440	ng	#	51
17) 2-Methylphenol	7.06	107	137085	46.488	ng		93
18) Hexachloroethane	7.30	117	46209	29.516	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	122707	45.653	ng		96
20) 3+4-Methylphenols	7.22	107	179485	47.271	ng	#	81
22) Acetophenone	7.20	105	239372	47.014	ng	#	94
24) Nitrobenzene	7.37	77	178875	46.651	ng		97
25) Isophorone	7.62	82	347289	50.932	ng		99
26) 2-Nitrophenol	7.69	139	86588	50.898	ng		93
27) 2,4-Dimethylphenol	7.73	122	147383	57.003	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	201712	47.719	ng		97
29) 2,4-Dichlorophenol	7.95	162	133810	50.157	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	114868	39.941	ng		99
31) Naphthalene	8.09	128	426402	44.004	ng		100
32) Benzoic acid	7.90	122	73334	42.765	ng		95
33) 4-Chloroaniline	8.16	127	33326	8.098	ng		96
34) Hexachlorobutadiene	8.21	225	58307	35.399	ng		97
35) Caprolactam	8.54	113	42510m	50.883	ng		
36) 4-Chloro-3-methylphenol	8.65	107	164220	54.097	ng		96
37) 2-Methylnaphthalene	8.79	142	306774	46.884	ng		97
38) 1-Methylnaphthalene	8.89	142	289872	47.019	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	120914	44.778	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	55373	109.813	ng		92
43) 2,4,6-Trichlorophenol	9.07	196	87725	51.334	ng		96
44) 2,4,5-Trichlorophenol	9.13	196	93798	53.810	ng		99
46) 1,1'-Biphenyl	9.25	154	386095	47.104	ng		97
47) 2-Chloronaphthalene	9.27	162	291634	45.642	ng		97
48) 2-Nitroaniline	9.38	65	100011	49.056	ng		94
49) Acenaphthylene	9.69	152	464245	49.561	ng		99
50) Dimethylphthalate	9.55	163	480889	66.736	ng		100
51) 2,6-Dinitrotoluene	9.62	165	81732	53.963	ng		94
52) Acenaphthene	9.86	154	281086	49.384	ng		99
53) 3-Nitroaniline	9.80	138	30309	16.387	ng		85
54) 2,4-Dinitrophenol	9.92	184	66769	101.574	ng		96
55) Dibenzofuran	10.03	168	425929	51.299	ng		99
56) 4-Nitrophenol	9.98	139	95330	112.056	ng	#	82
57) 2,4-Dinitrotoluene	10.03	165	111015	55.550	ng		91
58) Fluorene	10.38	166	355649	51.444	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	78413	58.189	ng		97
60) Diethylphthalate	10.25	149	387692	53.376	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	158735	51.860	ng		91
62) 4-Nitroaniline	10.42	138	84460	48.040	ng		96
63) Azobenzene	10.53	77	393045	52.738	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	49377	52.967	ng		93
66) n-Nitrosodiphenylamine	10.49	169	314288	48.737	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	90607	47.854	ng		97
68) Hexachlorobenzene	10.93	284	94804	46.624	ng		93
69) Atrazine	11.02	200	84562	80.868	ng		97
70) Pentachlorophenol	11.13	266	83675	137.551	ng		92
71) Phenanthrene	11.34	178	507263	49.710	ng		99
72) Anthracene	11.39	178	541213	51.377	ng		99
73) Carbazole	11.55	167	501296	52.388	ng		100
74) Di-n-butylphthalate	11.87	149	653989	50.473	ng		99
75) Fluoranthene	12.53	202	535271	52.752	ng		99
77) Benzidine	12.65	184	136342	42.859	ng		98
78) Pyrene	12.76	202	539222	47.427	ng		100
80) Butylbenzylphthalate	13.37	149	281985	49.322	ng		98
81) Benzo(a)anthracene	13.95	228	432348	48.989	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	54696	19.602	ng		100
83) Chrysene	13.99	228	432847	49.734	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	414149	51.377	ng		97
85) Di-n-octyl phthalate	14.53	149	663013	54.025	ng		100
86) Indeno(1,2,3-cd)pyrene	16.88	276	332919	54.706	ng		98
88) Benzo(b)fluoranthene	15.00	252	358275	49.903	ng		99
89) Benzo(k)fluoranthene	15.03	252	343495	48.143	ng		98
90) Benzo(a)pyrene	15.36	252	324551	51.050	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	289056	53.061	ng		98
92) Benzo(g,h,i)perylene	17.30	276	275878	53.202	ng		99

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

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