Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117201.D
Acq On : 20 Sep 2019 22:16
Operator : HP/JU
Sample : K4662-15MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MSD

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:58 AM

Quant Time: Sep 23 11:10:04 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	37491	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	146266	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	79742	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	127868	20.00	ng		0.01
76) Chrysene-d12	13.99	240	85702	20.00	ng		0.01
87) Perylene-d12	15.43	264	69416	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	308779	128.59	ng		0.03
7) Phenol-d6	6.47	99	381125	122.81	ng		0.01
23) Nitrobenzene-d5	7.39	82	298827	107.35	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	115463	173.25	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	557362	109.29	ng		0.00
79) Terphenyl-d14	12.93	244	567688	123.82	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	33938	33.775	ng	#	86
3) Pyridine	3.53	79	57233	20.809	ng		96
4) n-Nitrosodimethylamine	3.45	42	46485	49.250	ng		78
6) Aniline	6.49	93	34675	8.678	ng	#	48
8) 2-Chlorophenol	6.62	128	126207	48.718	ng		98
9) Benzaldehyde	6.37	77	42992	23.934	ng		98
10) Phenol	6.48	94	129407	37.825	ng		100
11) bis(2-Chloroethyl)ether	6.56	93	121915	48.485	ng		100
12) 1,3-Dichlorobenzene	6.76	146	124155	42.709	ng		98
13) 1,4-Dichlorobenzene	6.84	146	130828	44.100	ng		98
14) 1,2-Dichlorobenzene	6.99	146	123972	44.884	ng		97
15) Benzyl Alcohol	6.97	79	119672	50.285	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	111275	44.792	ng		75
17) 2-Methylphenol	7.09	107	103024	47.451	ng	#	84
18) Hexachloroethane	7.33	117	51116	44.789	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	98544	52.147	ng	#	90
20) 3+4-Methylphenols	7.24	107	133769	49.464	ng		94
22) Acetophenone	7.23	105	199361	53.647	ng	#	96
24) Nitrobenzene	7.40	77	147465	53.642	ng		98
25) Isophorone	7.65	82	265970	53.961	ng		99
26) 2-Nitrophenol	7.72	139	64088	54.274	ng	#	92
27) 2,4-Dimethylphenol	7.76	122	109064	58.243	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	157176	51.758	ng		99
29) 2,4-Dichlorophenol	7.97	162	105439	53.738	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	106971	50.463	ng		97
31) Naphthalene	8.12	128	393176	55.893	ng		99
32) Benzoic acid	7.92	122	54051	39.570	ng		95
33) 4-Chloroaniline	8.19	127	25459	8.160	ng	#	94
34) Hexachlorobutadiene	8.24	225	63924	53.152	ng		96
35) Caprolactam	8.56	113	21125m	31.809	ng		
36) 4-Chloro-3-methylphenol	8.67	107	125979	55.065	ng		99
37) 2-Methylnaphthalene	8.82	142	262707	55.459	ng		98
38) 1-Methylnaphthalene	8.92	142	243046	54.783	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	106739	51.836	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	107472	114.341	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	71336	51.049	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	77119	51.654	ng		95
46) 1,1'-Biphenyl	9.28	154	319664	51.106	ng		99
47) 2-Chloronaphthalene	9.30	162	247164	50.069	ng		97
48) 2-Nitroaniline	9.40	65	76435	48.273	ng		87
49) Acenaphthylene	9.72	152	384527	51.997	ng		100
50) Dimethylphthalate	9.58	163	304171	53.872	ng		99
51) 2,6-Dinitrotoluene	9.65	165	64951	56.482	ng		99
52) Acenaphthene	9.89	154	225825	51.514	ng		100
53) 3-Nitroaniline	9.82	138	20364	14.036	ng		99
54) 2,4-Dinitrophenol	9.93	184	52305	102.437	ng		93
55) Dibenzofuran	10.06	168	352081	54.435	ng		97
56) 4-Nitrophenol	10.00	139	68329	72.665	ng		94
57) 2,4-Dinitrotoluene	10.06	165	85203	57.080	ng	#	79
58) Fluorene	10.41	166	288042	55.285	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	64407	56.373	ng		99
60) Diethylphthalate	10.28	149	313437	56.426	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	130437	57.863	ng		98
62) 4-Nitroaniline	10.44	138	61861	40.999	ng	#	83
63) Azobenzene	10.56	77	314335	55.406	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	36579	60.657	ng		76
66) n-Nitrosodiphenylamine	10.52	169	247028	55.939	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	74628	57.149	ng		94
68) Hexachlorobenzene	10.96	284	77433	54.214	ng		95
69) Atrazine	11.05	200	62831	64.233	ng		98
70) Pentachlorophenol	11.16	266	73949	110.454	ng		99
71) Phenanthrene	11.37	178	392891	54.096	ng		99
72) Anthracene	11.42	178	407133	54.908	ng		99
73) Carbazole	11.57	167	353865	50.278	ng		98
74) Di-n-butylphthalate	11.90	149	514010	61.382	ng		99
75) Fluoranthene	12.56	202	385166	51.613	ng		99
77) Benzidine	12.70	184	3464m	1.255	ng		
78) Pyrene	12.79	202	387002	53.817	ng		98
80) Butylbenzylphthalate	13.39	149	197847	58.226	ng		95
81) Benzo(a)anthracene	13.97	228	300678	52.512	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	41946	22.733	ng		97
83) Chrysene	14.02	228	288947	51.740	ng		96
84) Bis(2-ethylhexyl)phthalate	13.95	149	299196	68.293	ng		96
85) Di-n-octyl phthalate	14.56	149	470089	68.173	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	202326	49.659	ng		98
88) Benzo(b)fluoranthene	15.02	252	225614	53.657	ng		99
89) Benzo(k)fluoranthene	15.04	252	231761	58.186	ng		99
90) Benzo(a)pyrene	15.37	252	205064	55.576	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	172825	58.796	ng		97
92) Benzo(g,h,i)perylene	17.32	276	155590	53.119	ng		97

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

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