Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118125.D
Acq On : 7 Dec 2019 13:26
Operator : JU
Sample : K6162-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCMS

Manual Integrations APPROVED
mohammad
12/10/2019 11:47:26 AM

Quant Time: Dec 09 06:40:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122276	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	487449	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	260255	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	503940	20.00	ng		0.00
76) Chrysene-d12	14.06	240	327632	20.00	ng		0.00
87) Perylene-d12	15.54	264	302589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	934387	133.84	ng		0.02
7) Phenol-d6	6.51	99	1176432	139.32	ng		0.01
23) Nitrobenzene-d5	7.43	82	724983	83.67	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	439025	138.86	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1449185	84.73	ng		0.00
79) Terphenyl-d14	13.00	244	1844372	96.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	112535	38.229	ng	#	83
3) Pyridine	3.55	79	202612	26.678	ng		98
4) n-Nitrosodimethylamine	3.46	42	150720	46.131	ng		97
6) Aniline	6.53	93	94067	8.709	ng	#	87
8) 2-Chlorophenol	6.66	128	373761	47.479	ng		96
9) Benzaldehyde	6.42	77	71408	11.511	ng		97
10) Phenol	6.52	94	419713	43.584	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	311598	44.739	ng		95
12) 1,3-Dichlorobenzene	6.81	146	358358	38.969	ng		98
13) 1,4-Dichlorobenzene	6.89	146	370479	40.009	ng		99
14) 1,2-Dichlorobenzene	7.04	146	351539	40.425	ng		97
15) Benzyl Alcohol	7.01	79	315612	47.881	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	366191	43.728	ng		99
17) 2-Methylphenol	7.12	107	297321	47.487	ng		98
18) Hexachloroethane	7.38	117	132237	38.756	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	235903	45.975	ng		98
20) 3+4-Methylphenols	7.27	107	381838	48.553	ng		91
22) Acetophenone	7.28	105	507280	43.317	ng		95
24) Nitrobenzene	7.45	77	366448	43.047	ng		99
25) Isophorone	7.69	82	655347	44.617	ng		99
26) 2-Nitrophenol	7.77	139	206752	45.440	ng		93
27) 2,4-Dimethylphenol	7.80	122	326262	53.757	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	409477	42.664	ng		99
29) 2,4-Dichlorophenol	8.02	162	319746	45.192	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	332886	40.259	ng		99
31) Naphthalene	8.17	128	1046268	42.738	ng		99
32) Benzoic acid	7.94	122	240083	43.811	ng		98
33) 4-Chloroaniline	8.22	127	46796	4.427	ng		96
34) Hexachlorobutadiene	8.29	225	185754	37.464	ng		97
35) Caprolactam	8.60	113	101633m	46.579	ng		
36) 4-Chloro-3-methylphenol	8.72	107	344467	46.263	ng		97
37) 2-Methylnaphthalene	8.87	142	739570	44.623	ng		99
38) 1-Methylnaphthalene	8.97	142	682480	43.856	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	331579	42.057	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	327821	92.803	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	237851	45.184	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	257085	47.139	ng		94
46) 1,1'-Biphenyl	9.33	154	905497	44.115	ng		99
47) 2-Chloronaphthalene	9.36	162	696622	42.191	ng		97
48) 2-Nitroaniline	9.46	65	198496	42.156	ng		97
49) Acenaphthylene	9.78	152	1109461	45.557	ng		99
50) Dimethylphthalate	9.64	163	849830	44.208	ng		100
51) 2,6-Dinitrotoluene	9.70	165	190379	45.545	ng		93
52) Acenaphthene	9.95	154	655271	44.084	ng		98
53) 3-Nitroaniline	9.87	138	58722	11.937	ng		99
54) 2,4-Dinitrophenol	9.98	184	178732	85.944	ng		99
55) Dibenzofuran	10.13	168	989422	45.427	ng		96
56) 4-Nitrophenol	10.04	139	317421	92.978	ng		99
57) 2,4-Dinitrotoluene	10.11	165	259055	46.432	ng		95
58) Fluorene	10.47	166	786906	45.463	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	213466	47.443	ng		99
60) Diethylphthalate	10.34	149	854437	45.113	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	383395	44.023	ng		95
62) 4-Nitroaniline	10.49	138	192950	37.608	ng		99
63) Azobenzene	10.62	77	734607	45.434	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	129390	46.492	ng		90
66) n-Nitrosodiphenylamine	10.58	169	704606	44.773	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	249620	43.393	ng		96
68) Hexachlorobenzene	11.02	284	289047	42.690	ng	#	91
69) Atrazine	11.11	200	210586	53.926	ng		96
70) Pentachlorophenol	11.22	266	318502	100.027	ng		97
71) Phenanthrene	11.43	178	1189761	44.412	ng		100
72) Anthracene	11.49	178	1233929	46.173	ng		99
73) Carbazole	11.64	167	1052039	43.877	ng		100
74) Di-n-butylphthalate	11.97	149	1360346	45.333	ng		99
75) Fluoranthene	12.63	202	1227185	44.806	ng		99
77) Benzidine	12.74	184	76547	8.875	ng		100
78) Pyrene	12.86	202	1230840	47.672	ng		99
80) Butylbenzylphthalate	13.47	149	556614	47.603	ng		96
81) Benzo(a)anthracene	14.05	228	996101	43.969	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	129821	17.448	ng		98
83) Chrysene	14.09	228	956237	44.188	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	769797	49.927	ng		99
85) Di-n-octyl phthalate	14.64	149	1171954	50.177	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	941093	51.685	ng		100
88) Benzo(b)fluoranthene	15.11	252	878701	43.908	ng		99
89) Benzo(k)fluoranthene	15.14	252	825680	42.948	ng		99
90) Benzo(a)pyrene	15.49	252	804972	45.544	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	784569	51.754	ng		99
92) Benzo(g,h,i)perylene	17.52	276	789005	54.162	ng		98

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

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