Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120093.D
Acq On : 20 Apr 2020 22:18
Operator : MA/SJ
Sample : L2314-18MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Manual Integrations APPROVED
mohammad
4/21/2020 2:55:14 PM

Quant Time: Apr 21 06:22:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145608	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	548091	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	265947	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	469843	20.00	ng		0.00
76) Chrysene-d12	13.89	240	316082	20.00	ng		0.00
87) Perylene-d12	15.32	264	285606	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	793493	94.18	ng		0.01
7) Phenol-d6	6.37	99	1063785	97.98	ng		0.00
23) Nitrobenzene-d5	7.29	82	710194	67.03	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	270836	83.18	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1396015	74.53	ng		0.00
79) Terphenyl-d14	12.83	244	1338665	71.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	140399	37.413	ng		98
3) Pyridine	3.08	79	397257	38.583	ng		96
4) n-Nitrosodimethylamine	3.04	42	247379	47.024	ng		98
6) Aniline	6.38	93	351750m	24.685	ng		
8) 2-Chlorophenol	6.50	128	479966	50.984	ng		99
9) Benzaldehyde	6.26	77	205037	32.413	ng		96
10) Phenol	6.38	94	618036	50.178	ng		92
11) bis(2-Chloroethyl)ether	6.45	93	484308	50.926	ng		99
12) 1,3-Dichlorobenzene	6.66	146	487064	47.258	ng		98
13) 1,4-Dichlorobenzene	6.73	146	487493	46.433	ng		99
14) 1,2-Dichlorobenzene	6.89	146	458255	47.362	ng		98
15) Benzyl Alcohol	6.87	79	393628	46.680	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	796883	43.061	ng		87
17) 2-Methylphenol	6.99	107	386365	45.989	ng	#	94
18) Hexachloroethane	7.23	117	178382	45.463	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	332756	47.663	ng		99
20) 3+4-Methylphenols	7.14	107	500273	48.689	ng	#	80
22) Acetophenone	7.13	105	675431	52.626	ng	#	95
24) Nitrobenzene	7.30	77	510178	47.870	ng		99
25) Isophorone	7.55	82	910784	44.596	ng		100
26) 2-Nitrophenol	7.62	139	259278	48.695	ng		96
27) 2,4-Dimethylphenol	7.67	122	399919	49.800	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	571654	47.567	ng		99
29) 2,4-Dichlorophenol	7.87	162	391612	47.575	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	425518	45.623	ng		99
31) Naphthalene	8.03	128	1472450	51.062	ng		99
32) Benzoic acid	7.82	122	317194	44.975	ng		96
33) 4-Chloroaniline	8.08	127	181192	14.433	ng		97
34) Hexachlorobutadiene	8.15	225	246735	44.193	ng		99
35) Caprolactam	8.46	113	126934m	50.412	ng		
36) 4-Chloro-3-methylphenol	8.57	107	429775	48.225	ng		96
37) 2-Methylnaphthalene	8.72	142	936457	47.900	ng		100
38) 1-Methylnaphthalene	8.82	142	869852	47.205	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	406650	48.412	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	129842	27.184	ng	96
43) 2,4,6-Trichlorophenol	9.00	196	286240	49.348	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	297545	45.545	ng	98
46) 1,1'-Biphenyl	9.19	154	1103879	49.176	ng	99
47) 2-Chloronaphthalene	9.21	162	833237	48.185	ng	98
48) 2-Nitroaniline	9.31	65	306238	48.869	ng	98
49) Acenaphthylene	9.62	152	1337567	50.861	ng	100
50) Dimethylphthalate	9.49	163	1279650	62.208	ng	100
51) 2,6-Dinitrotoluene	9.55	165	221489	49.169	ng	99
52) Acenaphthene	9.80	154	918761m	52.373	ng	
53) 3-Nitroaniline	9.72	138	130970	25.457	ng	98
54) 2,4-Dinitrophenol	9.83	184	208624	77.356	ng	98
55) Dibenzofuran	9.97	168	1172714	48.715	ng	100
56) 4-Nitrophenol	9.90	139	362049	94.581	ng	99
57) 2,4-Dinitrotoluene	9.96	165	279502	47.095	ng	89
58) Fluorene	10.31	166	935962	48.616	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	240119	48.057	ng	98
60) Diethylphthalate	10.19	149	1022446	47.957	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	436929	44.279	ng	99
62) 4-Nitroaniline	10.34	138	214125	43.673	ng	97
63) Azobenzene	10.46	77	909854	47.619	ng	99
65) 4,6-Dinitro-2-methylphenol	10.37	198	136376	44.058	ng	79
66) n-Nitrosodiphenylamine	10.43	169	824102	52.740	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	263208	45.047	ng	95
68) Hexachlorobenzene	10.86	284	279924	47.225	ng	95
69) Atrazine	10.96	200	230646	53.052	ng	98
70) Pentachlorophenol	11.06	266	298356	87.344	ng	99
71) Phenanthrene	11.27	178	1371664	54.854	ng	99
72) Anthracene	11.33	178	1315585	51.501	ng	99
73) Carbazole	11.49	167	1158617	47.962	ng	100
74) Di-n-butylphthalate	11.82	149	1532991	48.273	ng	100
75) Fluoranthene	12.46	202	1465687	54.324	ng	99
77) Benzidine	12.59	184	441188	41.292	ng	96
78) Pyrene	12.69	202	1485306	55.742	ng	99
80) Butylbenzylphthalate	13.32	149	581162	44.948	ng	99
81) Benzo(a)anthracene	13.89	228	1125395	54.121	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	238194	30.700	ng	96
83) Chrysene	13.92	228	1135403	53.738	ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	828475	47.316	ng	98
85) Di-n-octyl phthalate	14.49	149	1412914	47.393	ng	100
86) Indeno(1,2,3-cd)pyrene	16.72	276	952929	51.165	ng	99
88) Benzo(b)fluoranthene	14.92	252	1123051m	54.661	ng	
89) Benzo(k)fluoranthene	14.94	252	1003361	56.600	ng	99
90) Benzo(a)pyrene	15.26	252	991273	57.382	ng	97
91) Dibenzo(a,h)anthracene	16.73	278	748139	48.892	ng	97
92) Benzo(g,h,i)perylene	17.14	276	772910	51.171	ng	96

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

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