Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119903.D
Acq On : 10 Apr 2020 19:06
Operator : MA/SJ
Sample : L2178-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Manual Integrations APPROVED
mohammad
4/14/2020 3:39:13 PM

Quant Time: Apr 11 02:23:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	178708	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	697520	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	341625	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	691179	20.00	ng		0.00
76) Chrysene-d12	13.93	240	438358	20.00	ng		0.00
87) Perylene-d12	15.36	264	381065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	750823	72.61	ng		0.00
7) Phenol-d6	6.39	99	644069	48.34	ng		0.00
23) Nitrobenzene-d5	7.33	82	1323082	98.13	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	608318	145.44	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2430051	100.99	ng		0.00
79) Terphenyl-d14	12.87	244	2427604	93.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	95992	20.842	ng		98
3) Pyridine	3.19	79	220853	17.477	ng		99
4) n-Nitrosodimethylamine	3.13	42	147409	22.831	ng		99
6) Aniline	6.42	93	426198	24.370	ng		97
8) 2-Chlorophenol	6.54	128	570728	49.396	ng		99
9) Benzaldehyde	6.30	77	387423	Below Cal			99
10) Phenol	6.40	94	289056	19.122	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	639911	54.825	ng		98
12) 1,3-Dichlorobenzene	6.69	146	632880	50.033	ng		99
13) 1,4-Dichlorobenzene	6.77	146	638296	49.537	ng		98
14) 1,2-Dichlorobenzene	6.93	146	562069	47.332	ng		96
15) Benzyl Alcohol	6.90	79	345315	33.366	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1101338	48.490	ng		98
17) 2-Methylphenol	7.02	107	337810	32.762	ng		94
18) Hexachloroethane	7.27	117	226213	46.975	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	447550	52.233	ng		100
20) 3+4-Methylphenols	7.17	107	373619	29.627	ng	#	72
22) Acetophenone	7.17	105	847525	51.888	ng	#	98
24) Nitrobenzene	7.35	77	697415	51.419	ng		97
25) Isophorone	7.58	82	1266520	48.729	ng		99
26) 2-Nitrophenol	7.66	139	362317	53.469	ng		98
27) 2,4-Dimethylphenol	7.70	122	479827	46.951	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	784517	51.295	ng		99
29) 2,4-Dichlorophenol	7.90	162	532371	50.820	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	578640	48.749	ng		99
31) Naphthalene	8.06	128	1848545	50.371	ng		100
32) Benzoic acid	7.79	122	110696	12.333	ng		96
33) 4-Chloroaniline	8.11	127	273070	17.092	ng		98
34) Hexachlorobutadiene	8.18	225	302398	42.560	ng		99
35) Caprolactam	8.50	113	24609m	7.680	ng		
36) 4-Chloro-3-methylphenol	8.59	107	500726	44.150	ng		99
37) 2-Methylnaphthalene	8.76	142	1267689	50.951	ng		99
38) 1-Methylnaphthalene	8.86	142	1161067	49.510	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	528668	48.996	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	578718	94.321 ng	98
43) 2,4,6-Trichlorophenol	9.03	196	407232	54.655 ng	99
44) 2,4,5-Trichlorophenol	9.07	196	413030	49.217 ng	96
46) 1,1'-Biphenyl	9.22	154	1571101	54.486 ng	99
47) 2-Chloronaphthalene	9.25	162	1215588	54.724 ng	96
48) 2-Nitroaniline	9.35	65	453166	56.296 ng	99
49) Acenaphthylene	9.66	152	1719154	50.890 ng	100
50) Dimethylphthalate	9.53	163	1495381	56.591 ng	99
51) 2,6-Dinitrotoluene	9.59	165	311297	53.797 ng	98
52) Acenaphthene	9.83	154	1277344m	56.683 ng	
53) 3-Nitroaniline	9.75	138	135458	20.497 ng	98
54) 2,4-Dinitrophenol	9.87	184	368483	106.364 ng	100
55) Dibenzofuran	10.00	168	1575856	50.960 ng	98
56) 4-Nitrophenol	9.92	139	168514	34.270 ng	91
57) 2,4-Dinitrotoluene	9.99	165	400504	52.534 ng	90
58) Fluorene	10.35	166	1297917	52.482 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	335548	52.280 ng	99
60) Diethylphthalate	10.23	149	1420896	51.882 ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	588209	46.405 ng	95
62) 4-Nitroaniline	10.37	138	318299	50.539 ng	99
63) Azobenzene	10.50	77	1318731	53.730 ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	256914	56.421 ng	89
66) n-Nitrosodiphenylamine	10.46	169	1133717	49.321 ng	97
67) 4-Bromophenyl-phenylether	10.83	248	391364	45.531 ng	96
68) Hexachlorobenzene	10.90	284	427990	49.083 ng	96
69) Atrazine	11.00	200	365354	57.126 ng	97
70) Pentachlorophenol	11.09	266	500287	99.559 ng	99
71) Phenanthrene	11.31	178	1915217	52.065 ng	98
72) Anthracene	11.36	178	1863194	49.582 ng	100
73) Carbazole	11.52	167	1703753	47.943 ng	99
74) Di-n-butylphthalate	11.85	149	2097765	44.904 ng	99
75) Fluoranthene	12.50	202	1972179	49.689 ng	98
77) Benzidine	12.62	184	489477	33.033 ng	95
78) Pyrene	12.73	202	1904805	51.545 ng	100
80) Butylbenzylphthalate	13.35	149	871765	48.616 ng	98
81) Benzo(a)anthracene	13.92	228	1495850	51.871 ng	100
82) 3,3'-Dichlorobenzidine	13.88	252	285747	26.556 ng	95
83) Chrysene	13.96	228	1546869	52.791 ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	1107357	45.602 ng	99
85) Di-n-octyl phthalate	14.53	149	1811369	43.810 ng	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1265242	48.985 ng	100
88) Benzo(b)fluoranthene	14.95	252	1406029	51.291 ng	99
89) Benzo(k)fluoranthene	14.98	252	1300479	54.983 ng	99
90) Benzo(a)pyrene	15.30	252	1211349	52.556 ng	100
91) Dibenzo(a,h)anthracene	16.79	278	1039120	50.896 ng	99
92) Benzo(g,h,i)perylene	17.20	276	1128498	55.996 ng	98

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

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