Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119878.D
Acq On : 9 Apr 2020 19:12
Operator : MA/SJ
Sample : L2172-01MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-1MSD

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:46 AM

Quant Time: Apr 10 02:25:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	174140	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	679591	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	282905	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	449574	20.00	ng		0.00
76) Chrysene-d12	13.94	240	309842	20.00	ng		0.00
87) Perylene-d12	15.38	264	315908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1523594	151.20	ng		0.02
7) Phenol-d6	6.42	99	2011352	154.91	ng		0.01
23) Nitrobenzene-d5	7.35	82	1274314	97.01	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	532339	153.69	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	2291452	115.00	ng		0.00
79) Terphenyl-d14	12.89	244	1830766	99.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	204102	45.477	ng		99
3) Pyridine	3.23	79	608620	49.426	ng		95
4) n-Nitrosodimethylamine	3.19	42	392963	62.460	ng		98
6) Aniline	6.43	93	708452	41.572	ng	#	1
8) 2-Chlorophenol	6.56	128	669403	59.456	ng		97
9) Benzaldehyde	6.32	77	365195	Below Cal			98
10) Phenol	6.43	94	864529	58.691	ng		93
11) bis(2-Chloroethyl)ether	6.51	93	629687	55.364	ng		97
12) 1,3-Dichlorobenzene	6.71	146	670051	54.361	ng		98
13) 1,4-Dichlorobenzene	6.79	146	700778	55.812	ng		97
14) 1,2-Dichlorobenzene	6.95	146	662820	57.280	ng		98
15) Benzyl Alcohol	6.92	79	586973	58.204	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1195015	53.995	ng		97
17) 2-Methylphenol	7.04	107	553208	55.059	ng		93
18) Hexachloroethane	7.29	117	247613	52.768	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	477169	57.150	ng		97
20) 3+4-Methylphenols	7.19	107	664242	54.055	ng		95
22) Acetophenone	7.19	105	890579	55.962	ng	#	95
24) Nitrobenzene	7.36	77	749338	56.705	ng		98
25) Isophorone	7.60	82	1312017	51.811	ng		99
26) 2-Nitrophenol	7.67	139	387622	58.712	ng		98
27) 2,4-Dimethylphenol	7.72	122	619615	62.228	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	901845	60.522	ng		99
29) 2,4-Dichlorophenol	7.92	162	583387	57.159	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	633834	54.808	ng		99
31) Naphthalene	8.08	128	1954095	54.652	ng		99
32) Benzoic acid	7.87	122	467142	53.419	ng		98
33) 4-Chloroaniline	8.13	127	292381	18.784	ng		97
34) Hexachlorobutadiene	8.20	225	346394	50.038	ng		99
35) Caprolactam	8.52	113	167086m	53.518	ng		
36) 4-Chloro-3-methylphenol	8.62	107	584341	52.881	ng		97
37) 2-Methylnaphthalene	8.77	142	1260766	52.010	ng		99
38) 1-Methylnaphthalene	8.87	142	1148496	50.266	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	538368	60.251	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	301407	59.321 ng	98
43) 2,4,6-Trichlorophenol	9.05	196	388053	62.891 ng	99
44) 2,4,5-Trichlorophenol	9.10	196	399297	57.457 ng	98
46) 1,1'-Biphenyl	9.24	154	1424638	59.661 ng	98
47) 2-Chloronaphthalene	9.26	162	1103463	59.987 ng	96
48) 2-Nitroaniline	9.36	65	414389	62.164 ng	98
49) Acenaphthylene	9.68	152	1661459	59.390 ng	99
50) Dimethylphthalate	9.55	163	1604443	73.322 ng	99
51) 2,6-Dinitrotoluene	9.60	165	292888	61.122 ng	99
52) Acenaphthene	9.85	154	1069428m	57.307 ng	
53) 3-Nitroaniline	9.77	138	176288	32.212 ng	97
54) 2,4-Dinitrophenol	9.88	184	157295	54.828 ng	97
55) Dibenzofuran	10.02	168	1633167	63.776 ng	97
56) 4-Nitrophenol	9.95	139	458304	112.550 ng	99
57) 2,4-Dinitrotoluene	10.01	165	394949	62.558 ng	93
58) Fluorene	10.37	166	1248606	60.967 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	341988	64.342 ng	99
60) Diethylphthalate	10.25	149	1474061	64.995 ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	611221	58.230 ng	97
62) 4-Nitroaniline	10.39	138	282639	54.191 ng	97
63) Azobenzene	10.52	77	1307656	64.337 ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	125592	42.403 ng	84
66) n-Nitrosodiphenylamine	10.48	169	1145517	76.615 ng	99
67) 4-Bromophenyl-phenylether	10.85	248	391956	70.106 ng	98
68) Hexachlorobenzene	10.92	284	397079	70.010 ng	95
69) Atrazine	11.01	200	315564	75.857 ng	96
70) Pentachlorophenol	11.11	266	388656	118.909 ng	100
71) Phenanthrene	11.33	178	1415951	59.178 ng	98
72) Anthracene	11.38	178	1473390	60.280 ng	99
73) Carbazole	11.53	167	1328378	57.469 ng	99
74) Di-n-butylphthalate	11.87	149	1850872	60.911 ng	99
75) Fluoranthene	12.52	202	1464323	56.720 ng	98
77) Benzidine	12.64	184	890418	85.016 ng	96
78) Pyrene	12.75	202	1389252	53.187 ng	100
80) Butylbenzylphthalate	13.37	149	678935	53.567 ng	96
81) Benzo(a)anthracene	13.93	228	1160716	56.944 ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	447662	58.860 ng	96
83) Chrysene	13.97	228	1161372	56.074 ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	928829	54.116 ng	98
85) Di-n-octyl phthalate	14.54	149	1619559	55.418 ng	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1114859	61.065 ng	100
88) Benzo(b)fluoranthene	14.97	252	1329641	58.508 ng	100
89) Benzo(k)fluoranthene	15.00	252	1038693	52.973 ng	99
90) Benzo(a)pyrene	15.33	252	1110670	58.127 ng	99
91) Dibenzo(a,h)anthracene	16.82	278	932619	55.102 ng	100
92) Benzo(g,h,i)perylene	17.23	276	907860	54.340 ng	99

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

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