Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
Data File : BF119094.D
Acq On : 26 Feb 2020 14:55
Operator : CG/JU
Sample : L1681-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Manual Integrations APPROVED
mohammad
2/27/2020 4:58:27 PM

Quant Time: Feb 26 16:37:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	159665	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	610701	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	336779	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	633858	20.00	ng		0.00
76) Chrysene-d12	13.90	240	406854	20.00	ng		0.00
87) Perylene-d12	15.32	264	343466	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	853318	89.31	ng		0.00
7) Phenol-d6	6.40	99	1023749	88.11	ng		0.00
23) Nitrobenzene-d5	7.31	82	677221	58.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	372628	84.58	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1292743	56.55	ng		0.00
79) Terphenyl-d14	12.84	244	1455021	61.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	158864	37.347	ng		99
3) Pyridine	3.23	79	400645	34.487	ng		98
4) n-Nitrosodimethylamine	3.17	42	163236	46.384	ng		99
6) Aniline	6.41	93	478777	33.393	ng		97
8) 2-Chlorophenol	6.53	128	492154	47.733	ng		100
9) Benzaldehyde	6.29	77	198379	25.554	ng		96
10) Phenol	6.41	94	572646	45.583	ng		99
11) bis(2-Chloroethyl)ether	6.48	93	438276	45.595	ng		99
12) 1,3-Dichlorobenzene	6.69	146	532603	43.098	ng		98
13) 1,4-Dichlorobenzene	6.76	146	538201	43.521	ng		99
14) 1,2-Dichlorobenzene	6.92	146	502875	44.588	ng		99
15) Benzyl Alcohol	6.90	79	405391	48.273	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	353184	42.416	ng		83
17) 2-Methylphenol	7.02	107	390993	46.773	ng		99
18) Hexachloroethane	7.26	117	193449	43.724	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	312825	46.203	ng		98
20) 3+4-Methylphenols	7.17	107	476729	46.549	ng		96
22) Acetophenone	7.16	105	635468	44.973	ng	#	98
24) Nitrobenzene	7.33	77	494485	43.232	ng		98
25) Isophorone	7.57	82	895281	44.570	ng		100
26) 2-Nitrophenol	7.65	139	275654	45.485	ng		99
27) 2,4-Dimethylphenol	7.69	122	408591	49.677	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	542860	41.520	ng		99
29) 2,4-Dichlorophenol	7.89	162	423627	43.751	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	473812	41.272	ng		98
31) Naphthalene	8.05	128	1372618	43.338	ng		99
32) Benzoic acid	7.85	122	267592	45.062	ng		93
33) 4-Chloroaniline	8.10	127	198001	14.535	ng		98
34) Hexachlorobutadiene	8.17	225	286947	40.127	ng		98
35) Caprolactam	8.48	113	135546m	45.463	ng		
36) 4-Chloro-3-methylphenol	8.60	107	446628	45.577	ng		99
37) 2-Methylnaphthalene	8.74	142	936606	43.943	ng		100
38) 1-Methylnaphthalene	8.84	142	880745	43.938	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	464039	40.867	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	349324	83.988	ng		100
43) 2,4,6-Trichlorophenol	9.03	196	303114	42.273	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	325271	43.229	ng		97
46) 1,1'-Biphenyl	9.20	154	1131470	41.570	ng		99
47) 2-Chloronaphthalene	9.23	162	895460	40.825	ng		99
48) 2-Nitroaniline	9.33	65	255646	41.787	ng		98
49) Acenaphthylene	9.65	152	1388268	43.822	ng		100
50) Dimethylphthalate	9.51	163	1181519	45.879	ng		99
51) 2,6-Dinitrotoluene	9.57	165	254437	44.470	ng		98
52) Acenaphthene	9.82	154	803378	42.057	ng		99
53) 3-Nitroaniline	9.74	138	141031	22.234	ng		97
54) 2,4-Dinitrophenol	9.86	184	212319	76.693	ng	#	91
55) Dibenzofuran	9.99	168	1227111	43.039	ng		99
56) 4-Nitrophenol	9.92	139	310868	81.571	ng		94
57) 2,4-Dinitrotoluene	9.98	165	321520	43.354	ng		94
58) Fluorene	10.33	166	970174	43.790	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	273570	43.088	ng		99
60) Diethylphthalate	10.20	149	1077167	44.385	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	509362	43.434	ng		94
62) 4-Nitroaniline	10.36	138	249452	38.439	ng		95
63) Azobenzene	10.48	77	944037	44.752	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	182168	47.495	ng		99
66) n-Nitrosodiphenylamine	10.44	169	890689	42.915	ng		100
67) 4-Bromophenyl-phenylether	10.81	248	342455	41.333	ng		93
68) Hexachlorobenzene	10.88	284	386558	40.466	ng		97
69) Atrazine	10.97	200	314084	43.313	ng		98
70) Pentachlorophenol	11.08	266	322035	83.689	ng		99
71) Phenanthrene	11.29	178	1438551	41.616	ng		98
72) Anthracene	11.34	178	1506636	43.622	ng		99
73) Carbazole	11.50	167	1281630	41.652	ng		98
74) Di-n-butylphthalate	11.83	149	1634757	43.871	ng		98
75) Fluoranthene	12.47	202	1503971	40.989	ng		99
77) Benzidine	12.59	184	666876	40.303	ng		99
78) Pyrene	12.70	202	1483756	45.417	ng		100
80) Butylbenzylphthalate	13.32	149	634095	46.117	ng		97
81) Benzo(a)anthracene	13.89	228	1140462	41.140	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	277137	25.746	ng		99
83) Chrysene	13.93	228	1106777	40.068	ng		99
84) Bis(2-ethylhexyl)phthalate	13.88	149	839680	48.338	ng		99
85) Di-n-octyl phthalate	14.49	149	1258627	45.475	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1140397	42.638	ng		100
88) Benzo(b)fluoranthene	14.92	252	945450	41.761	ng		100
89) Benzo(k)fluoranthene	14.94	252	976127	46.526	ng		99
90) Benzo(a)pyrene	15.26	252	859869	42.083	ng		100
91) Dibenzo(a,h)anthracene	16.73	278	950512	52.870	ng		99
92) Benzo(g,h,i)perylene	17.14	276	1001910	56.403	ng		99

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

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